Phase I Environmental Site Assessment Report

Pigeon Property
1705 Route 128
Westford, Vermont

Revised September 23, 2019

Prepared for:
Chittenden County Regional Planning Commission
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LEE Project #19-138

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1.0 EXECUTIVE SUMMARY

LE Environmental LLC (LEE) conducted a Phase I Environmental Site Assessment (ESA) at 1705 Route 128, in the Town of Westford, Chittenden County, Vermont (property). The ESA was conducted pursuant to the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-13). This assessment was conducted for the Chittenden County Regional Planning Commission (CCRPC). This work is supported by the US Environmental Protection Agency (USEPA), the CCRPC, and the nineteen member municipalities in Chittenden County. CCRPC is funding this work via an EPA Brownfields Assessment Grant # BF00A00214. The owner of the property as of the date of this report is the Pigeon Family Living Trust. The users of this document are the CCRPC, and the Town of Westford.

The property consists of one parcel of land, totaling approximately 3.3 acres, on the north side of Route 128. The area immediately surrounding the property is the town center of Westford, with closely spaced residential homes, a municipal office building, a public library, and a town common. The topography of the property is fairly flat on its south side, near Route 128, and then slopes downward to the north, toward the Browns River. There is also a ravine on the eastern side of the property, which contains an outlet drainage pipe for the town common's stormwater system.

The property is currently a vacant residence and former bus garage. Historic property uses also included automotive repair and a gasoline filling station. Three structures are currently present on the property. The residence is a two-story, wood framed structure with a full basement. The garage is a single-story, wood framed structure, with a slab on grade foundation. The third building is a small wood framed shed.

The property is not listed in any of the environmental databases. A State Listed Hazardous Waste Site, known as the Westford Market, is located approximately 150' to the southeast of the property. Investigations conducted on that Site indicate the soil contamination is limited to that Site, and MtBE in the area supply wells appears to terminate east of the property.

LEE has identified three recognized environmental condition (RECs) as defined by ASTM E1527-13. These include:

1. Historic use of the property for bus/automotive repair and as a gasoline filling station.
2. Possible presence of abandoned underground storage tank.
3. Historic adjoining property use as a tannery.

LEE recommends completing a Phase II ESA to investigate whether the above listed RECs have contributed to releases at the property.

2.0 INTRODUCTION

LE Environmental LLC of Waterbury, Vermont (LEE) conducted a Phase I Environmental Site Assessment (ESA) at 1705 Route 128 in the Town of Westford, Vermont (property; see Appendix A). The ESA was conducted pursuant to the American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-13). This assessment was conducted for the Chittenden County Regional Planning Commission (CCRPC). This work is supported by the US Environmental Protection Agency (USEPA), the CCRPC, and the nineteen member municipalities in Chittenden County. CCRPC is funding this work via an EPA Brownfields Assessment Grant # BF00A00214. The owner of the property as of the date of this report is the Pigeon Family Living Trust. The users of this document are the CCRPC, and the Town of Westford.

2.1. Purpose

The purpose of this ESA was to identify recognized environmental conditions (RECs), historic RECs and de minimis conditions in association with the property as defined and described in the ASTM standard.

2.2. Detailed Scope-of-Services

LEE was engaged by client to conduct a Phase I ESA as defined in ASTM E 1527-13. The Phase I ESA work scope included the following elements:

- A general description of the site and vicinity, current property and adjoining property uses, and/or description of improvements.
- An evaluation of user supplied information including land records, liens, limitations, specialized knowledge, and valuation information.
- A review of practically reviewable regulatory and historic records in connection with the property.
- A site reconnaissance including general site setting, interior and exterior observations.
- Interviews with owner, site manager, occupants, local government officials and others as available.
- Presentation of Findings, Opinion, Conclusions, Deviations and the results of any out of scope contract obligations between client and LEE.

No invasive environmental testing was conducted, and no assessment or testing of asbestos, lead paint, radon or other structural environmental hazards was conducted. A geophysical investigation was conducted to determine if underground storage tanks were on the property. The findings are summarized in Section 12.0.

3.0 SITE DESCRIPTION

3.1. Location and Legal Description

The property consists of one parcel of land, totaling approximately 3.3 acres, on the north side of Route 128, in the town of Westford, Vermont (see Appendix A). A map showing the parcel layout is included in Appendix A. The center of property coordinates are 44° 36' 45.78'' north latitude and 73° 0' 34.99'' west longitude.[1]

3.2. Site and Vicinity General Characteristics

The area immediately surrounding the property is the town center of Westford, with closely spaced residential homes, a municipal office building, a public library, and a town common. The topography of the property is fairly flat on its south side, near Route 128, and then slopes downward to the north, toward the Browns River. There is also a ravine on the eastern side of the property, which contains an outlet drainage pipe for the town common's stormwater system. Groundwater likely flows to the north and east based on surface topography and the location of surface waters. Portions of the northern and eastern ends of the property appear to have wetland vegetation. No bedrock was noted on the property.

3.3. Current Use of the Property

Property is currently a vacant residence and former bus garage.

3.4. Descriptions of On-Site Structures, Roads and Other Improvements

Three structures are currently present on the property. The residence is a two-story, wood framed structure with a full basement. The garage is a single-story, wood framed structure, with a slab on grade foundation. The third building is a small wood framed shed.

3.5. Current Uses of Adjoining Properties

Land uses adjoining the property as of the date of this assessment were as follows.

- North: Residential
- South: Town Common
- East: Multi-family residential
- West: Municipal Offices

[1] EDR, Page 3.

4.0 USER SUPPLIED INFORMATION

4.1. Title Records

LEE reviewed chain of title information for the property at the Westford municipal offices on August 14, 2019. A tabular summary of property ownership is included below. The property was two separate parcels until 1945.

Table 4-1 (Existing Configuration)

Grantor	Grantee	Book	Page	Date
Roland and Nettie J. Pigeon	Pigeon Family Living Trust	157	163	10/6/2012
Helen Paige	Roland and Nettie J. Pigeon	30	420	12/12/1968

Table 4-2 (Parcel #1)

Grantor	Grantee	Book	Page	Date
E.B. Domingue	Carl S. and Helen L. Paige	25	286	9/4/1945
John Howrigan	E.B. Domingue	19	254	5/4/1903
L.M. Bates	John Howrigan	18	84	7/2/1900
George Hill	L.M. Bates	15	93	4/15/1867
Jasper Depatie	George Hill	15	79	3/9/1867

Table 4-3 (Parcel #2)

Grantor	Grantee	Book	Page	Date
Olivia and Eva Horton	Carl S. and Helen L. Paige	25	246	5/31/1945
Estate of Amira E. Grow	Olivia and Eva Horton	24	444	5/31/1940
Francis M. Macomber et. al.	Amira E. Grow	18	163	8/25/1890
George Hobard	J.A. Macomber	14	483	2/13/1866
Thomas Haynes	James Nichols	11	511	4/20/1850

4.2. Environmental Liens or Activity and Use Limitations

No environmental liens or activity and use limitations were discovered during review of land records. User was not aware of the existence of environmental liens or activity and use limitations in connection with the property.

4.3. Specialized Knowledge

User provided the following specialized knowledge regarding the property: see Section 7.0.

4.4. Commonly Known or Reasonably Ascertainable Information

User provided the following commonly known or reasonable ascertainable information regarding the property: See Section 7.0.

4.5. Valuation Reduction for Environmental Issues

User indicated that the purchase price has not been reduced due to environmental issues.

4.6. Owner, Property Manager, and Occupant Information

User identified the property owner and manager as the Pigeon family.

4.7. Reasons for Performing Phase I

User provided the following reason(s) for conducting this Phase I ESA: due to the commercial use of the property.

5.0 RECORDS REVIEW

5.1. Standard Environmental Record Sources

5.1.1 Regulatory Database Search

LEE contracted with Environmental Data Resources, Inc. (EDR) to perform a review of state and federal regulatory records during this Phase I ESA. A copy of the EDR Report is included in Appendix F. A summary of the pertinent data contained in the EDR report is presented below.

Property

The property is not listed in the EDR report.

Adjoining Properties

No adjoining properties are listed in the EDR report.

Other Sites

The Westford Market, located approximately 150' to the southeast of the property, is listed as a underground storage tank (UST), a leaking UST, and a spill Site. An abandoned UST was discovered at the Site during the closure of a 2,000 gallon gasoline UST in 2016. Two additional USTs had previously been removed from the Site in 1991. The drinking water wells for the store and an adjoining house are impacted with MtBE. An additional Site Investigation and supply well sampling has been requested by the Vermont Department of Environmental Conservation. The Site is currently a medium priority Site with sensitive receptors threatened by contamination.

The other sites included in the EDR report in Westford are not thought to present a significant environmental risk to the property in light of their locations relative to the topography in the area and their distances from the property.

5.2. Additional Environmental Record Sources

LEE reviewed available information at the Vermont Agency of Natural Resources Atlas for the property. This review confirmed that the property is not included on ANR's database of landfills, land use restriction sites, hazardous sites, hazardous waste generators, Brownfields, salvage yards, dry cleaners, or the above ground tank registry and the UST registry. Groundwater below the property is considered Class III (potable) according to the DEC Water Supply Division, and has not been reclassified due to contamination.

LEE reviewed several documents related to the Westford Market Site (State Listed Hazardous Waste Site #2015-4598). Below is a summary of the investigations conducted there to date.

Initial Site Investigation (Mountain View Environmental Services, 2016)

This report outlines the Initial Site Investigation performed due to the discovery of petroleum contamination during the closure of a 2,000 gallon gasoline UST. The Westford Market operated as a store for approximately 175 years and sold gasoline from the early 1900's until 2013. The report indicates the geology in the area consists of glacial till over bedrock, with no discernable shallow aquifer. Soil borings advanced on the Site revealed evidence of petroleum contamination in the vicinity of the USTs. No petroleum contamination was noted across Route 128. Seven monitoring wells were installed, and only one monitoring well contained enough groundwater for sampling purposes. Exceedances of petroleum compounds were noted in the monitoring well sampled. MtBE was noted in four of the supply wells sampled. The apartment building that adjoins the Pigeon property did not have detectable contamination in the water supply well.

Supplemental Sampling Report (Mountain View Environmental Services, 2017)

This document outlines a supplemental sampling event that occurred, which included the sampling of three water supply wells and a groundwater monitoring well. The MtBE in the area supply wells is likely due to contamination in the UST grave entering the bedrock through the on-Site supply well. No VOCs above detection limits were detected in the monitoring well sampled. The apartment building that adjoins the Pigeon property did not have detectable contamination in the water supply well.

5.3. Maps

5.3.1 USGS Topographic Maps

USGS topographic quadrangle maps were reviewed during this assessment including 1915, 1948, 1987 and 2018.[2] The 1915, 1948, and 1987 maps show the property developed with two buildings. The 2018 map does not depict individual structures. A building was noted on or near the northeastern property line on the 1915 map. The building was gone on the 1948 maps.

5.3.2 State Geological Maps

Bedrock in the vicinity of the property consists of Cambrian and Neoproterozoic aged schist in the Pinnacle formation and the overburden deposits in the area of the property are mapped as boulders in clay.[3]

5.3.3 Fire Insurance Maps

Sanborn insurance mapping coverage does not exist for the property. A certificate of no coverage is included in Appendix A.

5.4. Other Historical Use Information for the Property and Adjoining Properties

5.4.1 Standard Historical Sources

Aerial Photographs
LEE reviewed aerial photographs of the property and nearby properties. Coverage was available for select years from 1942 through 2016. Copies of these photos are in Appendix B. The house and garage in their current configuration are noted in all of the photos except a building appears to be present on the southeastern portion of the property in the 1976 photo. Several buses are evident in the photos dated 1985 and later. Surrounding property uses appear to be overall similar in all of the photos.

City Directory Information
No Manning city directory information was available for Westford.[4]

5.4.2 Other Historical Sources

LEE reviewed the 1858 Wallings map shows the property developed and the 1869 Beers Atlas map of Westford.[5] The 1858 Wallings map show the property developed

[2] 1906 and 1948 maps from UNH Collections; 1987 and 2018 maps from USGS Store.
[3] ANR Atlas.
[4] University of Vermont Special Collections
[5] 1858 and 1869 maps from westford.vt.us

with at least one structure. The 1869 Beers Atlas map shows a residence and a store on the property, and a tannery on the property to the west. A grist mill and a hotel are noted on the property to the east. A building was also noted on or near the northeastern property line on the 1869 and 1915 maps.

6.0 SITE RECONNAISSANCE

6.1. Methodology and Limiting Conditions

On August 14, 2019, Alan Liptak and Angela Emerson of LEE conducted a site reconnaissance to inspect the property for indications of environmental risks or hazardous conditions. A completed site inspection checklist is included in Appendix C. George Pigeon, owner's representative, and Kimberly Caldwell of the VTDEC, accompanied LEE during the site reconnaissance. Photographs of the property are included in Appendix B.

Significant site reconnaissance observations were as follows:

- LEE inspected all of the building interior spaces and the exterior grounds. However, heavy vegetation and piles of solid waste around the property prohibited full inspection of some areas. The floor of the garage and portions of the basement could not be fully inspected due to the amount of belongings being stored in the buildings.
- The residence is heated via a 275 gallon fuel oil AST in the basement. The gauge read approximately ¾ full. Weeping and moisture was noted on the top of the AST. There is an unused 275 gallon fuel oil AST, a 50-gallon capacity motor oil tank, and an approximately 100-gallon capacity propane AST along the exterior back wall of the garage. The garage is not currently heated, but two wood stoves are present inside.
- The following petroleum products and/or hazardous substances were also noted:
    - Brake fluid – 1 gallon
    - Car battery
    - Spray adhesive
    - Paint – approximately 5 gallons
    - (1) 55-gallon drum of motor oil
    - Spray cans of penetrating oil, engine degreaser, and spray adhesive
    - (1) 5-gallon bucket of unknown substance – possibly motor oil
    - Antifreeze – approximately 1 gallon
    - Paints – approximately 20 gallons
    - 55 gallon drum with unknown substance – unlabeled – in poor condition
    - (3) 3-gallon plastic gasoline containers
    - (1) 5-gallon bucket of hydraulic oil
    - Empty 55 gallon drum – in poor condition – empty

- A weathered petroleum odor was noted in a wooded area to the north of the garage. A broken lawnmower and heavy vegetation was noted in the general vicinity of the odor.
- Some staining was noted on the garage floor. No significant cracks were noted in the vicinity of the stains.
- Pieces of metal, bus parts, lawnmowers, and tires were noted in the wooded portions of the property and on the north side of the garage.
- No floor drains or hydraulic lifts were noted in the buildings. There is a stormdrain network under the town common, which drains via an outlet pipe beneath Route 128 and below the property, daylighting on the southern end of the ravine. No odors or sheens were noted on the water exiting the outlet pipe.

LEE oversaw the completion of a Geophysical Investigation at the property on September 5, 2019 to look for relic USTs. This work is more fully described in Section 12.0. The geophysical investigation revealed the possible presence of a UST was detected between the garage and Route 128. Several smaller buried metal objects were also detected on the property.

7.0 INTERVIEWS

7.1. Interview with Property Owner

George Pigeon, representative of the owner, was interviewed in person on August 14, 2019. He indicated the property is currently used for storage, but was historically a residence with a bus repair garage. His family purchased the property in 1968, and it was a Texaco gasoline filling station at that time. He recalls possibly seeing a tank being pulled out of the ground in the 1980s or 1990s. There is a dug well on the northwestern portion of the property, and the location(s) of the septic system(s) are unknown. The house's septic system may have been connected to the former school that was previously demolished. There are two fuel oil ASTs on the property (one in the house basement and one outside the garage), and there are small amount of petroleum products leftover from his father's bus repair business. There are some tires, bus chassis, and a trailer in the backyard. There is a culvert at the top of the ravine that connects to a stormdrain system on the common. The Town of Westford has filled a portion of the property (between Route 128 and the ravine) with ditch diggings from the rural roads around Westford The owner is not aware of environmental issues in connection with property. The interview checklist is in Appendix D.

7.2. User Interview

Melissa Manka, planning coordinator for the Westford Planning Commission, completed a user questionnaire on September 9, 2019. Ms. Manka indicated the property has been used commercially in the past, and a Phase I ESA is being performed due to that history. The interview checklist is in Appendix D.

7.3. Interview with Local Government Officials

LEE attempted to contact the Town of Westford fire department. Our calls were not returned as of the date of this report.

8.0 FINDINGS

LEE made the following findings during this Phase I ESA.

1. The property was developed as of the earliest record in this report (1858). The property use has been residential with a gasoline filling station and automotive and bus repair. A small store was also once present on the southeastern portion of the property. A building was noted on or near the northeastern property line on the 1869 and 1915 maps. The building was gone on the 1948 maps. No evidence of this building was discovered during the site reconnaissance.
2. The residence is heated with fuel oil. The garage is not currently heated but appears to have been heated with wood, propane, and/or fuel oil historically.
3. The buildings are served by a private dug supply well and at least one septic system. The configuration and location of the septic system is not known.
4. There is a 275 gallon fuel oil AST in the basement of the residence. There is an unused 275 gallon fuel oil AST, a 50-gallon capacity motor oil tank, and an approximately 100-gallon capacity propane AST along the exterior wall of the garage.
5. Several small quantity containers of petroleum products and/or hazardous substances were noted. A 55-gallon drum of motor oil, a 5-gallon bucket of an unknown oily substance, a corroded and unlabeled 55-gallon drum with an unknown substance, a 5-gallon bucket of hydraulic oil, and an empty 55 gallon drum in poor condition were noted on the property.
6. A weathered petroleum odor was noted in a wooded area to the north of the garage. A broken lawnmower and heavy vegetation was noted in the general vicinity of the odor.
7. Some staining was noted on the garage floor. No significant cracks were noted in the vicinity of the stains.
8. Pieces of metal, bus parts, lawnmowers, and tires were noted in the wooded portions of the property and on the north side of the garage.
9. No floor drains or hydraulic lifts were noted in the buildings. There is a stormdrain network under the common, which drains via an outlet pipe beneath Route 128 and below the property, daylighting on the southern end of the ravine. No odors or sheens were noted on the water exiting the outlet pipe.
10. A geophysical investigation performed at the property revealed the possible presence of a UST and several smaller buried metal objects.
11. The Town of Westford has filled portions of the property with ditch diggings from rural area roads.

12. The property is not included in any of the environmental databases searched in this Phase I ESA.
13. The Westford Market Site, located approximately 150' to the southeast, is a State Listed Hazardous Waste Site due to the presence of petroleum contamination in soils and the bedrock aquifer.
14. A tannery is present on the adjoining property to the west on the 1869 map. It is unknown how long the tannery operated.

9.0 OPINION

LEE has reviewed available environmental information for the property and nearby properties and has identified three RECs as defined by ASTM E1527-13. These include:

1. Historic use of the property for bus/automotive repair and as a gasoline filling station. The historic use is considered a REC due to the use of petroleum products and hazardous substances, which may be impacting the soil, groundwater, and/or soil gas on the property. A weathered petroleum odor was noted near a wooded portion of the property, and corroded containers were noted in several locations.

2. The possible presence of an abandoned underground storage tank is considered a REC. It is unknown if the tank, or prior tanks in the same vicinity, have caused a release of petroleum to the subsurface.

3. The use of the adjoining property to the west as a tannery is considered a REC. According to US EPA, leather tanneries utilize a variety of processes to prepare the hides, remove hair, and tan and polish the hides. These processes may include pH adjustment, addition of chemicals such as calcium hydroxide, hydrogen sulfide, chromium, kerosene, VOCs, dyes, acid and alkaline salts and acids. It is unknown how long the tannery operated.

The nearby State Listed Hazardous Waste Site, known as the Westford Market, is not considered a REC at this time. Investigations conducted on that Site indicate the soil contamination is limited to that property, and MtBE in the area supply wells appears to terminate east of the property.

The fuel oil ASTs are not considered RECs at this time. The ground in the vicinity of the ASTs did not appear to be impacted from leaks or spills related to the ASTs.

The fill that was placed on the property is not considered a REC. The soil was from the rural area roads in the Town of Westford, and any soil contaminant concentrations if present are likely within background levels.

LEE recommends completing a Phase II ESA to investigate the above listed RECs.

9.1 Additional Investigation

No additional investigations are deemed necessary to ascertain the presence or absence of RECs. Per ASTM E 1527-13, this opinion regarding additional investigations is only intended to convey those additional investigations that may be necessary to ascertain the presence or absence of a REC. It does not convey any recommendation relative to the need to perform a Phase II ESA or other assessment activities at the property.

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 1705 Route 128 in Westford, Vermont, the property. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following.

1. Historic use of the property for bus/automotive repair and as a gasoline filling station.
2. Possible presence of an abandoned underground storage tank.
3. Historic adjoining property use as a tannery.

A recognized environmental condition is defined in ASTM E 1527 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

1. due to release to the environment;
2. under conditions indicative of a release to the environment; or
3. under conditions that pose a material threat of a future release to the environment.

De minimis conditions are not recognized environmental conditions. No de minimis conditions were encountered.

11.0 DEVIATIONS

11.1. Deviations/Data Gaps

Noted deviations to the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-13) included: None. The following data gaps were identified:

- LEE did not fully document the property's history in maximum 5-year intervals as stated in ASTM E1527-13, Section 8.3.2.1.
- LEE was not able to trace the property use prior to development.

LEE does not believe that these data gaps have affected its ability to identify a REC, due to the relative continuity of use before and after the intervals.

11.2. Significant Assumptions

LEE undertook performance of this Phase I ESA according to the following assumptions: None.

11.3. Limitations and Exclusions

LEE has prepared this Phase I ESA report in accord with ASTM E 1527-13 using the best efforts of Environmental Professionals and information available at the time of preparation. This report is intended to convey a point-in-time environmental evaluation of the property, as well as relevant information on past uses. The user of this document must recognize the limitations inherent in conducting a Phase I ESA, as stated in ASTM E 1527-13, which include but are not necessarily limited to:

- This document does not address regulatory compliance issues and LEE makes no assurances relative to the federal, state or local regulatory compliance of the property (ref. Section 1.4).
- Uncertainty Not Eliminated: No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost (ref. Section 4.5.1).
- All appropriate inquiry as defined by ASTM E 1527-13 is not an exhaustive assessment of a property (ref. Section 4.5.2).
- A variable level of inquiry may be conducted depending on the specific characteristics and features of the property and the information developed during the course of the assessment (ref. Section 4.5.3).

- An assessment meeting or exceeding the requirements of ASTM E 1527-13 and completed less than 180 days prior to the date of acquisition or intended transaction is presumed to be valid (ref. Section 4.6).
- All appropriate inquiry as defined by ASTM E 1527-13 is not exhaustive and does not require assessment of historic uses more frequently than every five years (ref. Section 8.3.2.1).

11.4. Special Contractual Conditions

None.

11.5. User Reliance

This report is for the use and benefit of client as defined herein. Affiliates of client, and third parties authorized in writing by LEE and client, may rely upon this report to the extent that client is entitled to do so, provided said parties agree to abide by the limitations and exclusions as stated herein.

12.0 ADDITIONAL SERVICES

LEE oversaw the completion of a Geophysical Investigation at the property on September 5, 2019. LEE recommended conducting this investigation to determine if there are relic USTs or other buried structures related to the historic service station that operated on the property. The work was performed by Hager-Richter Geoscience, Inc of Salem, New Hampshire. A brief summary of the findings is included below:

A. One possible UST was detected between the garage and Route 128.
B. Several smaller buried metal objects were detected at the Site.

LEE recommends conducting a test pit investigation concurrent or prior to a Brownfields Phase II Environmental Site Assessment, to confirm the presence of the UST. If a UST is identified, it should be removed and disposed of in accordance with State regulations.

13.0 REFERENCES

1. Information acquired from the Vermont Agency of Natural Resources Atlas http://anrmaps.vermont.gov/websites/anra5/
2. Town of Westford Land Records viewed at the municipal offices on August 14, 2019.
3. Environmental Data Resources, Inc., Radius Map Report for 1705 Route 128, Westford, Vermont, obtained from Environmental Data Resources on September 6, 2019.
4. Mountain View Environmental Services, Initial Site Investigation, Westford Market, August 9, 2016.
5. Mountain View Environmental Services, Supplemental Sampling Report, Westford Market, July 7, 2017.
6. Vermont Agency of Natural Resources Spill Database; http://www.anr.state.vt.us/WMID/Spills
7. USGS maps of Westford, Vermont, obtained from www.usgs.gov.
8. Sanborn Fire Insurance Maps letter of no coverage obtained from Environmental Data Resources on September 6, 2019.
9. Aerial Photographs obtained from Environmental Data Resources on September 9, 2019.
10. 1858 Wallings Map and 1869 Beers Atlas Map of Westford, Vermont, obtained on-line westford.vt.us.
11. Owner interview with George Pigeon, completed in person on August 14, 2019.
12. Document User questionnaire completed by Melissa Manka, planning coordinator for the Westford Planning Commission, September 9, 2019.

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONAL

We hereby certify that this Phase I Environmental Site Assessment report, as presented, is a complete and accurate record of our findings, to the best of our knowledge.

Prepared by:

_____
Angela Emerson, Environmental Professional

Reviewed by:

_____
Alan Liptak, Environmental Professional

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR §312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

_____
Angela Emerson, Environmental Professional

_____
Alan Liptak, Environmental Professional

16.0 APPENDICIES

A. Maps
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APPENDIX A

MAPS

1705 Vermont Route 128, Westford, VT

Vermont Agency of Natural Resources

vermont.gov

LEGEND

- Land Use Restrictions
  - Class IV GW Reclass
  - Class VI GW Reclass
  - Deed Restriction
  - Easement
  - Land Record Notice
  - Other
- Hazardous Site
- Hazardous Waste Generators
- Brownfields
- Salvage Yard
- Aboveground Storage Tank
- Underground Storage Tank (w
- Dry Cleaner
- Parcels (standardized)
- Parcels (non-standardized)
- Roads
  - Interstate
  - Principal Arterial
  - Minor Arterial
  - Major Collector
  - Minor Collector
  - Local
  - Not part of function Classification S
- Waterbody
- Stream
- Town Boundary

NOTES

Map created using ANR's Natural Resources Atlas

263.0 0 132.00 263.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 431 Ft. 1cm = 52 Meters

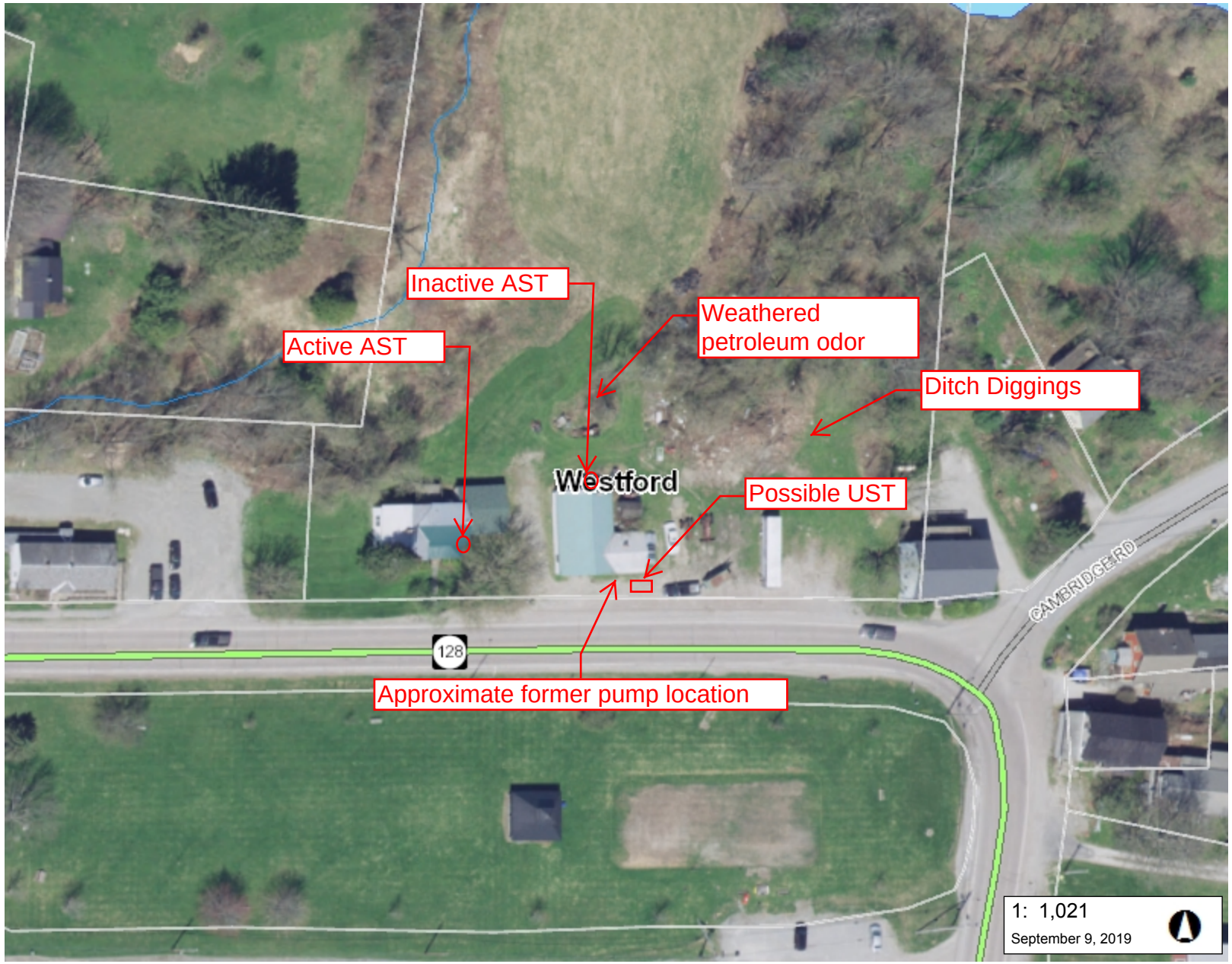
THIS MAP IS NOT TO BE USED FOR NAVIGATION

VERMONT

Site Sketch

Vermont Agency of Natural Resources

vermont.gov



LEGEND

- Parcels (standardized)
- Parcels (non-standardized)
- Roads
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NOTES

Map created using ANR's Natural Resources Atlas

52.0 0 26.00 52.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 85 Ft. 1cm = 10 Meters

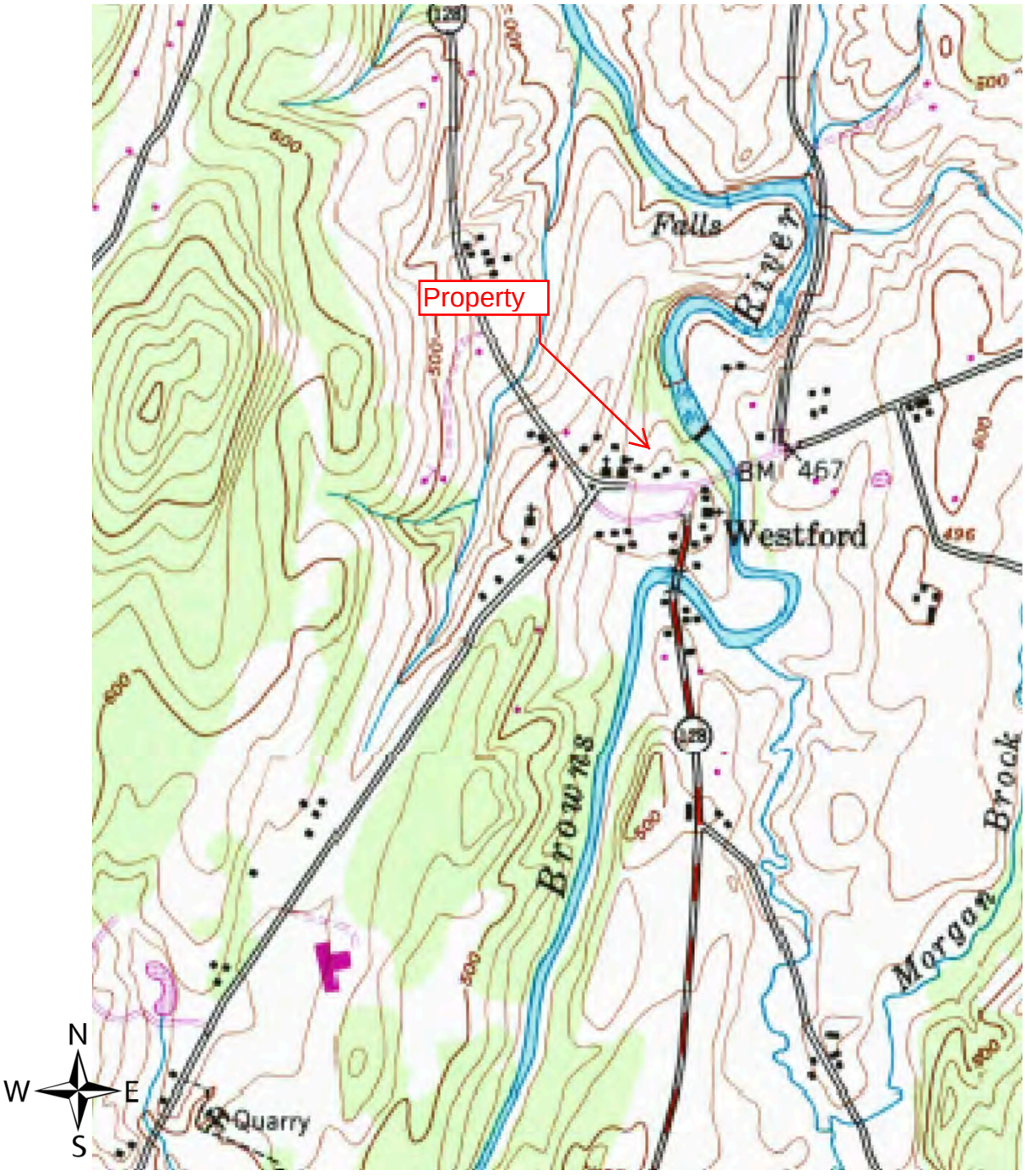
THIS MAP IS NOT TO BE USED FOR NAVIGATION

1705 Route 128
Westford, Vermont

LE Environmental

2018 USGS Map

LEE #: 19-138
Date: September 6, 2019
Source: USGS Store

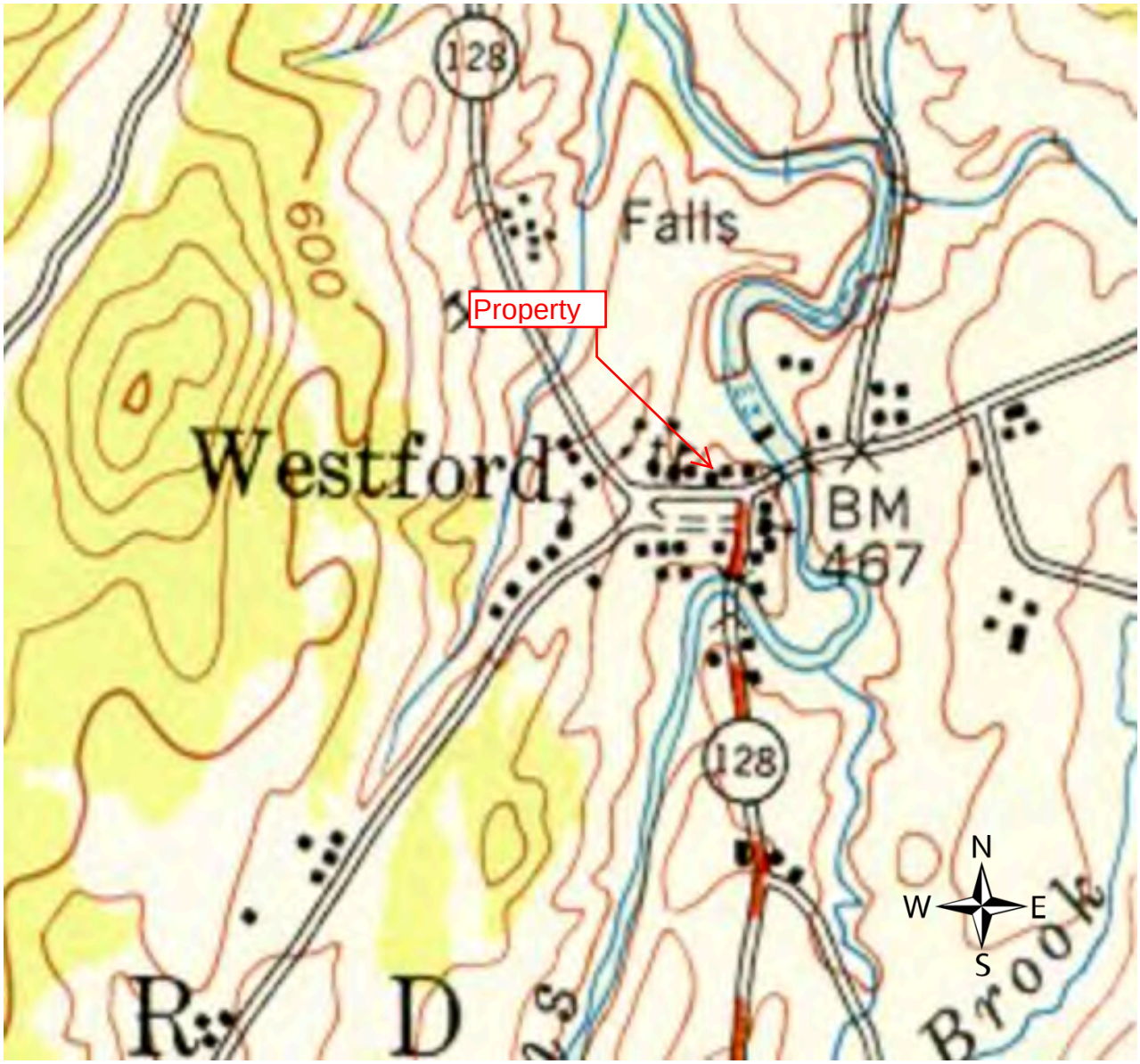


1705 Route 128
Westford, Vermont

1987 USGS Map

LEE Environmental

LEE #: 19-138
Date: September 6, 2019
Source: USGS Store

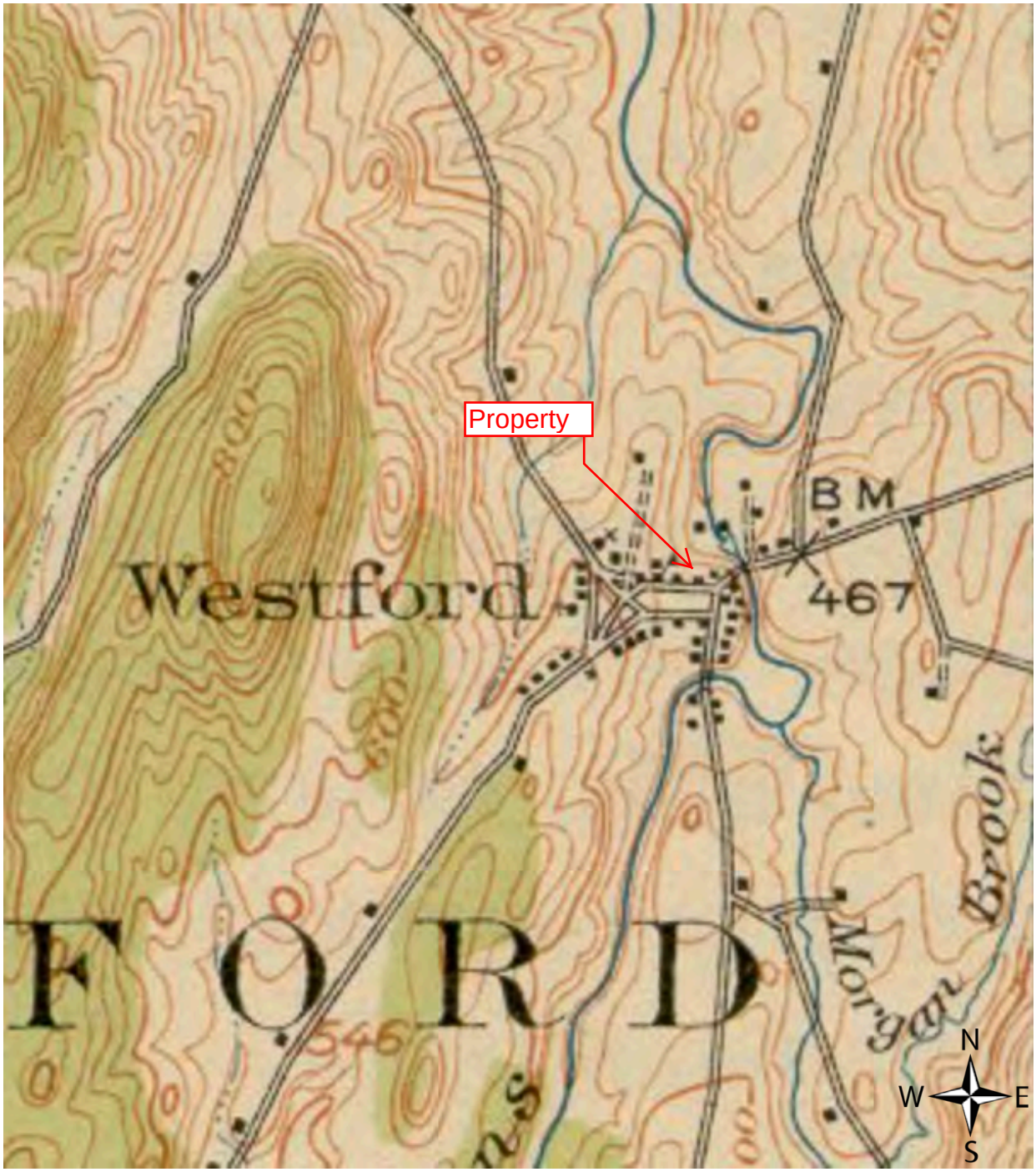


1705 Route 128
Westford, Vermont

LE·Environmental

1948 USGS Map

LEE #: 19-138
Date: September 6, 2019
Source: USGS Store

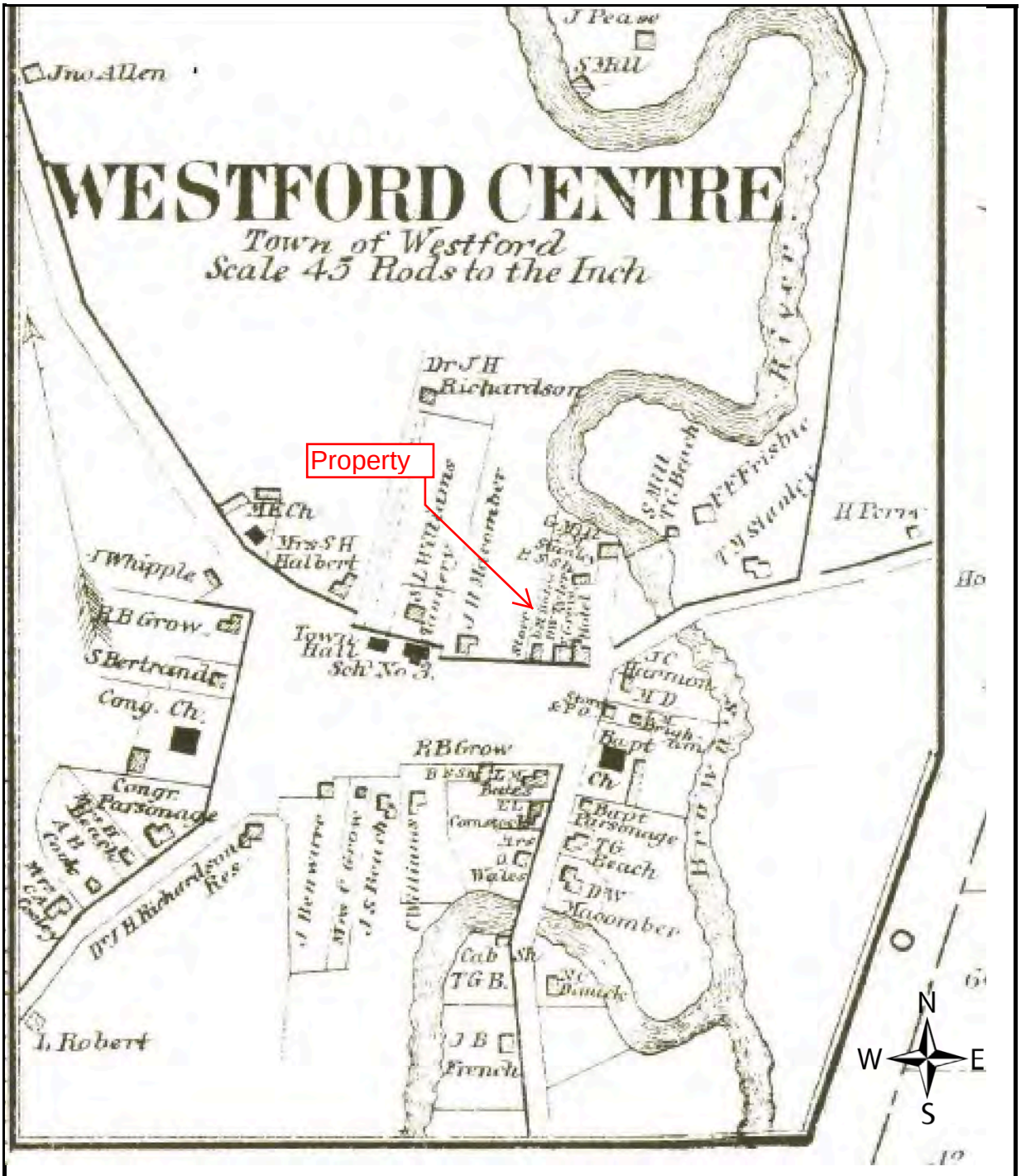


1705 Route 128
Westford, Vermont

1915 USGS Map

LEE
LE·Environmental

LEE #: 19-138
Date: September 6, 2019
Source: USGS Store



1705 Route 128
Westford, Vermont

LE·Environmental

1869 Beers Map

LEE #: 19-138
Date: September 6, 2019
Source: westford.vt.us

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1705 Route 128
Westford, Vermont

LE·Environmental

1858 Wallings Map

LEE #: 19-138
Date: September 6, 2019
Source: westford.vt.us

1705 Route 128

1705 Route 128

Westford, VT 05494

Inquiry Number: 5780279.3

September 06, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/06/19

Site Name:

1705 Route 128
1705 Route 128
Westford, VT 05494
EDR Inquiry # 5780279.3

Client Name:

LE Environmental
21 North Main Street
Waterbury, VT 05676
Contact: Angela Emerson

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by LE Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 6CF5-417D-8086

PO # 19-135

Project 1705 Route 128

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 6CF5-417D-8086

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX B

PHOTOGRAPHS

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 001 Date: August 14, 2019 Location: Property View Direction: Looking north Comments: View of house (left) and garage (right)	
Photograph ID: 002 Date: August 14, 2019 Location: Property View Direction: Looking north Comments: Front of garage	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 003 Date: August 14, 2019 Location: Property View Direction: Looking west Comments: East side of house - fill and vent pipes for basement AST in center of photo.	
Photograph ID: 004 Date: August 14, 2019 Location: Residence Direction: Looking east Comments: Fuel oil AST in basement of residence. Gauge reads 3/4 full.	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 005 Date: August 14, 2019 Location: Residence Direction: Looking south Comments: Interior basement view	
Photograph ID: 006 Date: August 14, 2019 Location: Exterior of garage Direction: Looking west Comments: Exterior of garage - propane AST in trees	

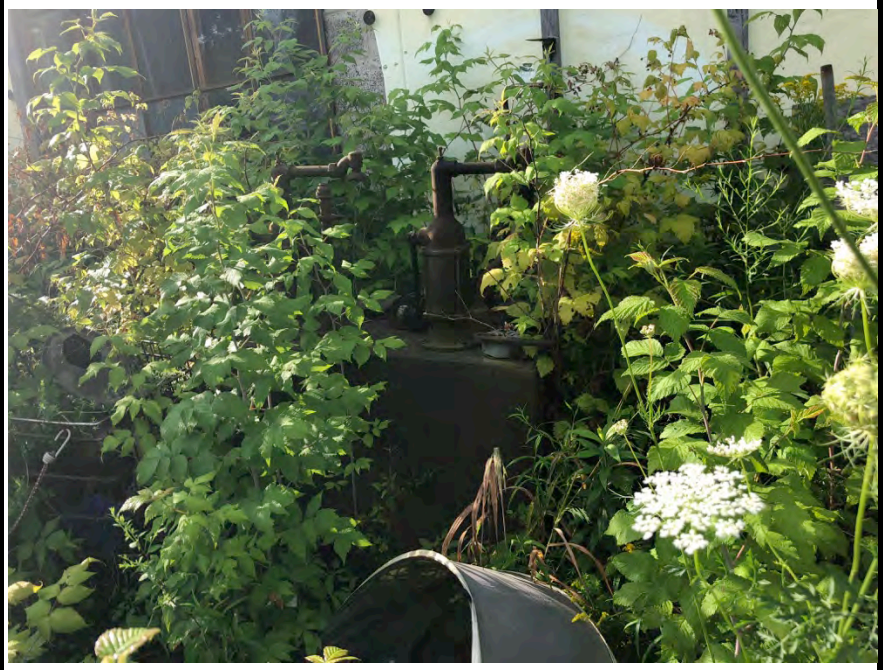
Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 007 Date: August 14, 2019 Location: Exterior of garage Direction: Looking south Comments: Exterior of garage - fuel oil AST appears to be unused	
Photograph ID: 008 Date: August 14, 2019 Location: Exterior of garage Direction: Looking south Comments: Exterior of garage- showing ground under the unused fuel oil AST. No staining or odors noted	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 009 Date: August 14, 2019 Location: Exterior of garage Direction: Looking south Comments: Exterior of garage- showing motor oil holding tank	
Photograph ID: 010 Date: August 14, 2019 Location: Garage Direction: Looking north Comments: Interior of garage	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 011 Date: August 14, 2019 Location: Garage Direction: Looking west Comments: Typical container storage in garage	
Photograph ID: 012 Date: August 14, 2019 Location: Garage Direction: Looking south Comments: Motor oil storage in garage	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 013 Date: August 14, 2019 Location: Shed Direction: Looking west Comments: Interior of shed	
Photograph ID: 014 Date: August 14, 2019 Location: Shed Direction: Looking west Comments: Drum in shed	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 015 Date: August 14, 2019 Location: Property view Direction: Looking north Comments: Undeveloped portion of the property	
Photograph ID: 016 Date: August 14, 2019 Location: Adjacent property view Direction: Looking northwest Comments: Northwestern portion of property with adjoining resdiential property	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 017 Date: August 14, 2019 Location: Northwestern portion of property Direction: Looking west Comments: Dug well on property	
Photograph ID: 018 Date: August 14, 2019 Location: Eastern portion of property Direction: Looking east Comments: Typical tire pile on the property	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 019 Date: August 14, 2019 Location: Adjoining property view Direction: Looking south Comments: Adjoining town common to the south	
Photograph ID: 020 Date: August 14, 2019 Location: Adjoining property view Direction: Looking east Comments: Adjoining residential property to the east	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 021 Date: September 5, 2019 Location: Garage Direction: Looking northeast Comments: Spraypainted rectangle outlines the suspect underground storage tank on the property	
Photograph ID: 022 Date: Unknown Location: Garage Direction: Looking west Comments: Undated, historic photo showing the property when it was operating as a bus garage	

Photographic Documentation
Phase I Environmental Site Assessment
Pigeon Property
1705 Route 128, Westford, Vermont
LEE #19-138

LE·Environmental

Photograph ID: 023
Date: 1971
Location: Town Common
Direction: Looking northeast
Comments: Historic photograph of the Town Common with the property in the center. Provded by Westford Historical Society

1705 Route 128

1705 Route 128

Westford, VT 05494

Inquiry Number: 5780279.5

September 09, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/09/19

Site Name:

1705 Route 128
1705 Route 128
Westford, VT 05494
EDR Inquiry # 5780279.5

Client Name:

LE Environmental
21 North Main Street
Waterbury, VT 05676
Contact: Angela Emerson

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: April 25, 1999	USGS/DOQQ
1992	1"=750'	Flight Date: April 27, 1992	USGS
1985	1"=500'	Flight Date: May 24, 1985	USDA
1976	1"=500'	Flight Date: May 28, 1976	USGS
1960	1"=500'	Flight Date: May 01, 1960	USGS
1942	1"=500'	Flight Date: September 01, 1942	USDA

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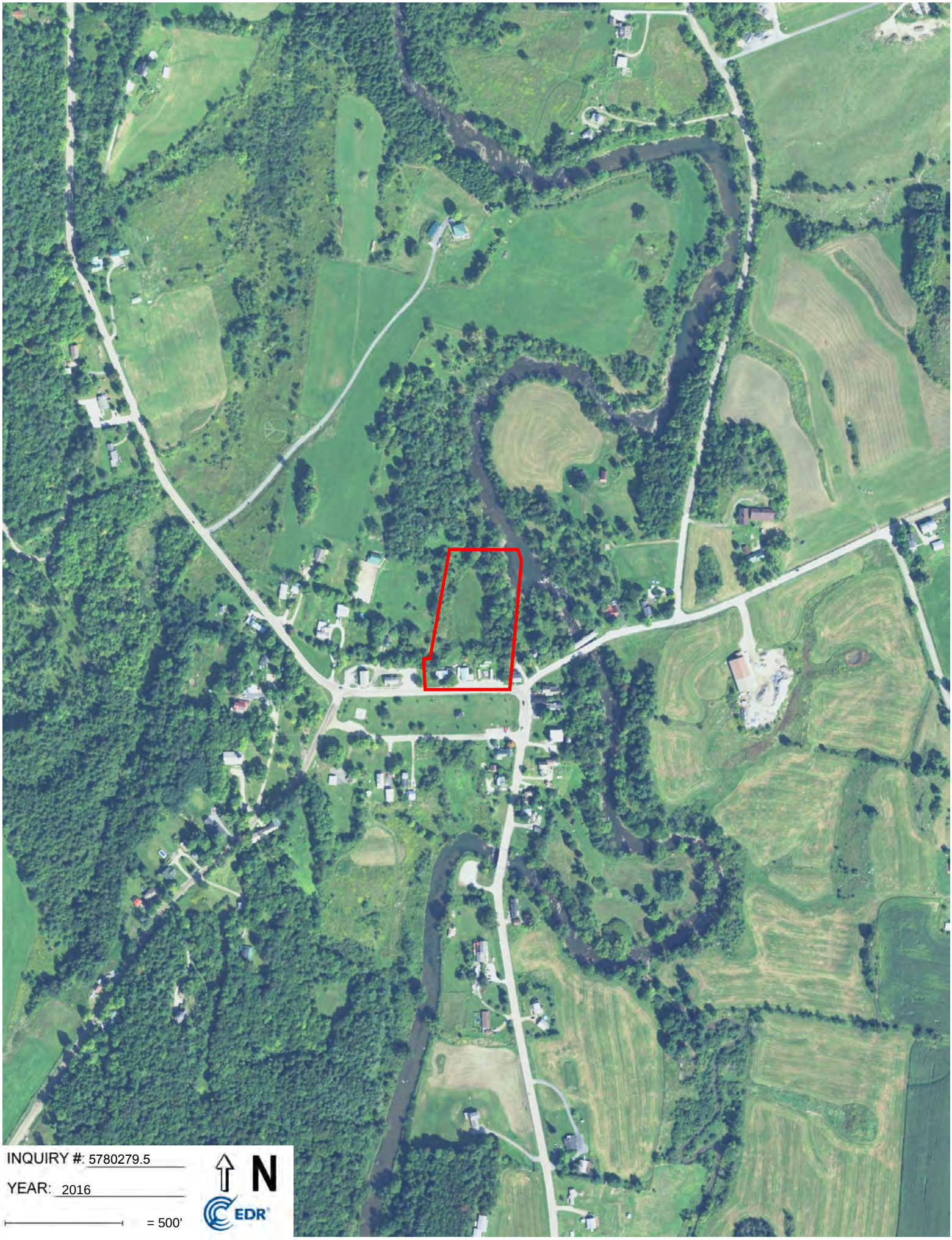

INQUIRY #: 5780279.5
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 1999
= 500'
N
EDR

INQUIRY #: 5780279.5

YEAR: 1992

= 750'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.


INQUIRY #: 5780279.5
YEAR: 1985
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 1976
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 1960
= 500'
N
EDR


INQUIRY #: 5780279.5
YEAR: 1942
= 500'
N
EDR

APPENDIX C

SITE RECONNAISSANCE CHECKLIST

Date: August 14 and September 5, 2019

Site Name: The Pigeon Property

Location: 1705 Route 128, Westford, Vermont

Section 1. General Site Setting (ASTM E-1527-13 Section 9.4.1)

A. Current uses of the property (Section 9.4.1.1): Describe current property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products. Generate site sketch map (or obtain existing site plans). Include an estimate of the subject property boundaries. Include detail sketches if appropriate. Describe structures and other improvements on the property.

Property is currently a vacant residence and former bus garage.

B. Past uses of the property (Section 9.4.1.2): To the extent visually evident, describe past property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products.

The past uses of the property were a residence and a former bus repair business. Some automotive repair may have been performed, and there was a gasoline filling station historically.

C. Current and past uses of adjoining properties (Section 9.4.1.3 and 9.4.1.4.): To the extent visually identifiable from the subject property, list current uses of adjoining properties with emphasis on those likely to indicate recognized environmental conditions on the subject property. If past uses of adjoining properties with such potential are evident list these also.

North: Residential
South: Town Common
East: Multi-family residential
West: Municipal Offices

Past uses were likely similar to current uses.

D. Current or past uses in the surrounding area (Section 9.4.1.5): To the extent visually identifiable from the subject property and public thoroughfares in the vicinity, describe general area development with potential to indicate recognized environmental conditions with the subject property.

The area immediately surrounding the property is the town center of Westford, with closely spaced residential homes, a municipal office building, a public library, and a town common.

E. Geologic, Hydrogeologic, Hydrologic and Topographic Conditions (Section 9.4.1.6): Describe the overall property setting. Describe natural bodies of water (including springs and seeps) and possible wetlands on subject property and indicate location(s) on site sketch map. Note presence of exposed bedrock on property grounds and indicate general location(s) on site sketch map.

The topography of the property is fairly flat on its south side, near Route 128, and then slopes downward to the north, toward the Browns River. There is also a ravine on the eastern side of the property, which contains an outlet drainage pipe for the town green's stormwater system. Groundwater likely flows to the north and east based on surface topography and the location of surface waters. Portions of the northern and eastern ends of the property appear to have wetland vegetation. No bedrock was noted on the property.

F. General Description of Structures (Section 9.4.1.7): Describe structures or other improvements on the property including number and size of buildings, footprints, number of stories each, approximate age of buildings, occupancy status, pavement, fences, foundations/ruins, utilities, product pipelines, and ancillary structures such as railroad spurs and power transmission lines.

Three structures are currently present on the property. The residence is a two-story, wood framed structure with a full basement. The garage is a single-story, wood framed structure, with a slab on grade foundation. The third building is a small wood framed shed.

G. Roads (Section 9.4.1.8): List public thoroughfares, roads, streets and parking facilities adjoining / on the subject property.

The property is accessed by Route 128 to the south.

H. Potable Water Supply (Section 9.4.1.9): Identify potable water supply source(s) for the subject property as apparent from visual inspection.

Dug well on the northern portion of the property.

I. Sewage Disposal System (Section 9.4.1.10): Identify current sewage disposal system as apparent from visual inspection.

Not apparent.

Section 2. Interior and Exterior Observations (ASTM E-1527-13 Section 9.4.2)

A. Current and Past Property Use (Sections 9.4.2.1 and 9.4.2.2): If building structures are identified on the subject property, visually inspect accessible common areas (lobbies, hallways), maintenance and repair areas (boiler rooms) and a representative sample of occupant spaces. Identify below which interior spaces were inspected and describe. Also note which interior spaces were not inspected.

Residence, garage, and shed were inspected. Several of the spaces, including the basement and the garage were difficult to inspect due to the amount of belongings stored.

B. Hazardous Substances and Petroleum Products and Unidentified Containers (Sections 9.4.2.3, 9.4.2.8 and 9.4.2.9): List apparent hazardous substances, petroleum products, pollutants, contaminants, unidentified containers and raw materials observed interior to any buildings. Include type, container size and quantity, locations and whether stored appropriately. Note presence or absence of labeling, content according to labels, drum condition. Are adverse environmental conditions observed? Obtain/ review Material Safety Data Sheets if possible.

House Interior:
- Fuel oil AST – approximately 275 gallon capacity – approximately ¾ full
- Paints – approximately 20 gallons

Garage Interior:
- Brake fluid – 1 gallon
- Car battery
- Spray adhesive
- Paint – approximately 5 gallons
- (1) 55-gallon drum of motor oil
- Spray cans of penetrating oil, engine degreaser, and spray adhesive
- (1) 5-gallon bucket of unknown substance – possibly motor oil
- Antifreeze – approximately 1 gallon

Garage Exterior:
- Fuel oil AST – approximately 275 gallon capacity

- Automotive Oil Tank - approximately 50 gallon capacity
- Propane AST - approximately 100 gallon capacity

Shed:
- 55 gallon drum with unknown substance – unlabeled – in poor condition
- (3) 3-gallon plastic gasoline containers
- (1) 5-gallon bucket of hydraulic oil

Backyard Wooded Area:
- Empty 55 gallon drum – in poor condition - empty

C. Storage Tanks (Section 9.4.2.4): Identify ASTs and USTs on the subject property. Note pumps, fill pipes, vents, access ways, concrete pads, saw cuts in paved areas, etc. Determine location, size and construction material to the extent visually identifiable, apparent contents, spill/ release protection, containment measures, status (active or inactive). Note upgrades such as corrosion protection, spill and overfill protection, secondary containment systems, etc. Note visual evidence of whether tank(s) have been taken out of operation, removed, closed in place, or otherwise closed.

The residence is heated via a 275 gallon fuel oil AST in the basement. The gauge read approximately ¾ full. Weeping and moisture was noted on the top of the AST.

There is an unused 275 gallon fuel oil AST along the exterior wall of the garage. One, approximately 200-gallon propane AST was present.

An unused, approximately 100 gallon capacity, propane AST was noted along the exterior wall of the garage.

D. Odors (Section 9.4.2.5): Note strong, pungent, or noxious odors and attempt to identify source.

A weathered petroleum odor was noted in a wooded area to the north of the garage. A broken lawnmower and heavy vegetation was noted in the general vicinity of the odor.

E. Pools of Liquid (Section 9.4.2.6): Note standing surface water, and pools or sumps containing liquids likely to be hazardous substances or petroleum products, to the extent visually identifiable.

None noted.

F. Drums (Section 9.4.2.7): Identify drums potentially containing hazardous substances, petroleum products, pollutants, or contaminants. Identify storage methods including whether release protection measures are in place. Are adverse environmental conditions such as leakage, weeping or overfilling observed? If drums are identified, indicate whether they are labeled and identify drum contents according to labeling.

(1) 55-gallon drum of motor oil was noted in the garage
(1) 55 gallon drum with an unknown substance, unlabeled, and in poor condition was noted in the shed
(1) empty 55 gallon drum, in poor condition, was noted in the wooded portion of the property

G. PCBs (Section 9.4.2.10): List suspect sources of polychlorinated biphenyls (PCBs) such as electrical or other equipment with potential to contain PCBs (transformers, circuit breakers, capacitors, hydraulic fluids, pesticide extenders, lubricants, cutting oils, vacuum pumps, heat transfer systems, plasticizer applications).

None noted.

Section 3. Interior Observations (ASTM E-1527-13 Section 9.4.3)

A. Heating/Cooling (Section 9.4.3.1): Identify current fuel source(s) for heating and cooling. If possible to identify past fuel sources for heating and cooling, list these also.

The house is heated with fuel oil. The garage is not currently heated but appears to have been heated with wood. No other fuel sources were noted.

B. Stains/Corrosion (Section 9.4.3.2): Identify stains or corrosion of floors, walls, or ceilings except for staining from water.

Some staining was noted on the garage floor. No significant cracks were noted in the vicinity of the stains.

C. Drains and Sumps (Section 9.4.3.3): Identify floor drains, other drains, ditches, and sumps interior to buildings. Note the presence or absence of wastewater or other liquid discharge, and sediments, in or into these structures. Describe whether flowing or pooled, sheens, color, odor. Note processes active in their vicinity and whether drains are sealed or operational. Can discharge pipes be seen and if so, note the direction they exit the floor drain. Do drains daylight on the property?

None noted.

Section 4. Exterior Observations (ASTM E-1527-13 Section 9.4.4)

A. Pits, Ponds and Lagoons (Section 9.4.4.1): Note pits, pools, ponds, lagoons, sumps, or catch basins and indicate location on site sketch map and indicate whether they appear to have been used in connection with waste disposal or treatment.

None noted.

B. Stained soil or pavement (Section 9.4.4.2): Note stained soil or pavement.

None noted.

C. Stressed Vegetation (section 9.4.4.3): Note areas of stressed vegetation from cause other than lack of water and indicate location on site sketch map.

None noted.

D. Solid Waste (Section 9.4.4.4): Note landfills for solid waste or hazardous waste and whether active or abandoned. Note presence of trash and/or construction debris. Note areas that are apparently filled or graded by non-natural causes or filled with material of unknown origin, mounds, or depressions suggesting solid waste disposal.

Pieces of metal, bus parts, lawnmowers, and tires were noted in the wooded portions of the property and on the north side of the garage.

E. Drains and Waste Water (Section 9.4.4.5): Describe wastewater or other liquid (including storm water) discharge into drain, ditch, or stream on or adjacent to the subject property. Note the condition of wastewater or liquid discharge (e.g., water flowing or pooled, sheens on the liquid surface, color, odor)

A culvert was noted on the south side of the ravine, on the eastern portion of the property. Water was steadily flowing from the culvert. It is reportedly the outlet for the stormdrain network under the town green. No odors or sheens were noted.

F. Wells (Section 9.4.4.6): Note active or inactive wells on the subject property (including oil or gas wells, injection wells, irrigation wells, groundwater

monitoring wells, dry wells, abandoned wells, or other wells) and indicate location on site sketch map.

Drinking water well noted on the northwestern portion of the property.

G. Septic Systems (Section 9.4.4.7): Indicate whether evidence exists of on-site septic systems and/or cesspools, to the extent visually identifiable.

None noted.

H. Limitations (Section 9.2.4): Identify condition(s), which prevented thorough inspection of building interiors, and/or property grounds (snow cover, denied access, safety or structural issues).

Heavy vegetation and piles of waste around the property prohibited full inspection of some areas. The floor of the garage could not be fully inspected due to the amount of belongings stored in the building.

I. Additional Site Reconnaissance Observations: This section is used to describe other contract specific requests not addressed above, whether ASTM or non-ASTM criteria are used to evaluate the specific feature (Attach additional pages as needed.)

None requested.

APPENDIX D

INTERVIEW DOCUMENTATION

Date: August 14, 2019

Site Name: Pigeon Property

Location: 1705 Route 128, Westford, Vermont

With: George Pigeon

Affiliation: Owner

Contact Info: (802) 355-6628, gepigeon@msn.com

Section 1. General Site Setting (ASTM E-1527-13 Section 9.4.1)

A. Current uses of the property (Section 9.4.1.1): Describe current property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products. Include an estimate of the subject property boundaries. Include detail sketches if appropriate. Describe structures and other improvements on the property.

Storage and residential

B. Past uses of the property (Section 9.4.1.2): Describe past property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products.

Was used as for bus repair and as a residence during the time his family owned the property (from 1968 until a few years ago). Prior to that it was used as a Texaco station.

C. Current and past uses of adjoining properties (Section 9.4.1.3 and 9.4.1.4.): List current uses of adjoining properties with emphasis on those likely to indicate recognized environmental conditions on the subject property. If past uses of adjoining properties with such potential are evident list these also.

Town common, town offices, and an apartment building adjoin the property.

D. Current or past uses in the surrounding area (Section 9.4.1.5): Describe general area development with potential to indicate recognized environmental conditions with the subject property.

Village center with residences, former general store and gas station.

E. Geologic, Hydrogeologic, Hydrologic and Topographic Conditions (Section 9.4.1.6): Describe the overall property setting. Describe natural bodies of water (including springs and seeps) and possible wetlands on subject property and indicate location(s) on site sketch map. Note presence of exposed bedrock on property grounds and indicate general location(s) on site sketch map.

Brown's River at north end of the property.

F. General Description of Structures (Section 9.4.1.7): Describe structures or other improvements on the property including number and size of buildings, footprints, number of stories each, approximate age of buildings, occupancy status, pavement, fences, foundations/ruins, utilities, product pipelines, and ancillary structures such as railroad spurs and power transmission lines.

Currently one house and a garage. Historically there were 2 residences and a garage.

G. Roads (Section 9.4.1.8): List public thoroughfares, roads, streets and parking facilities adjoining / on the subject property.

Route 128 adjoins property to the south.

H. Potable Water Supply (Section 9.4.1.9): Identify potable water supply source(s) for the subject property.

Dug well on northern portion of property.

I. Sewage Disposal System (Section 9.4.1.10): Identify current sewage disposal system.

Septic system with unknown location.

Section 2. Interior and Exterior Observations (ASTM E-1527-13 Section 9.4.2)

A. Current and Past Property Use (Sections 9.4.2.1 and 9.4.2.2): Describe.

Residential and bus repair garage.

B. Hazardous Substances and Petroleum Products and Unidentified Containers (Sections 9.4.2.3, 9.4.2.8 and 9.4.2.9): List apparent hazardous substances, petroleum products, pollutants, contaminants, unidentified containers and raw materials observed interior to any buildings. Include type, container size and quantity, locations and whether stored appropriately. Note presence or absence of labeling, content according to labels, drum condition.

Fuel oil in tanks. Maybe small amount of leftover oils, antifreeze, etc.

C. Storage Tanks (Section 9.4.2.4): Identify ASTs and USTs on the subject property. Note pumps, fill pipes, vents, access ways, concrete pads, saw cuts in paved areas, etc. Determine location, size and construction material to the extent visually identifiable, apparent contents, spill/ release protection, containment measures, status (active or inactive). Note upgrades such as corrosion protection, spill and overfill protection, secondary containment systems, etc. Note visual evidence of

whether tank(s) have been taken out of operation, removed, closed in place, or otherwise closed.

Fuel oil AST in basement and behind garage. He indicated a tank may have been pulled from the ground in the 1980s or 1990s.

D. Odors (Section 9.4.2.5): Note strong, pungent, or noxious odors and attempt to identify source.

None

E. Pools of Liquid (Section 9.4.2.6): Note standing surface water, and pools or sumps containing liquids likely to be hazardous substances or petroleum products, to the extent visually identifiable.

None

F. Drums (Section 9.4.2.7): Identify drums potentially containing hazardous substances, petroleum products, pollutants, or contaminants. Identify storage methods including whether release protection measures are in place. If drums are identified, indicate whether they are labeled and identify drum contents according to labeling.

None

G. PCBs (Section 9.4.2.10): List suspect sources of polychlorinated biphenyls (PCBs) such as electrical or other equipment with potential to contain PCBs (transformers, circuit breakers, capacitors, hydraulic fluids, pesticide extenders, lubricants, cutting oils, vacuum pumps, heat transfer systems, plasticizer applications).

None

Section 3. Interior Observations (ASTM E-1527-13 Section 9.4.3)

A. Heating/Cooling (Section 9.4.3.1): Identify current fuel source(s) for heating and cooling. If possible to identify past fuel sources for heating and cooling, list these also.

Oil furnace in house. Wood stoves in garage.

B. Stains/Corrosion (Section 9.4.3.2): Identify stains or corrosion of floors, walls, or ceilings except for staining from water.

None

C. Drains and Sumps (Section 9.4.3.3): Identify floor drains, other drains, ditches, and sumps interior to buildings. Note the presence or absence of wastewater or other

liquid discharge, and sediments, in or into these structures. Describe whether flowing or pooled, sheens, color, odor. Note processes active in their vicinity and whether drains are sealed or operational. Can discharge pipes be seen and if so, note the direction they exit the floor drain. Do drains daylight on the property?

None

Section 4. Exterior Observations (ASTM E-1527-13 Section 9.4.4)

A. Pits, Ponds and Lagoons (Section 9.4.4.1): Note pits, pools, ponds, lagoons, sumps, or catch basins and indicate location on site sketch map and indicate whether they appear to have been used in connection with waste disposal or treatment.

None

B. Stained soil or pavement (Section 9.4.4.2): Note stained soil or pavement.

None

C. Stressed Vegetation (section 9.4.4.3): Note areas of stressed vegetation from cause other than lack of water and indicate location on site sketch map.

None

D. Solid Waste (Section 9.4.4.4): Note landfills for solid waste or hazardous waste and whether active or abandoned. Note presence of trash and/or construction debris. Note areas that are apparently filled or graded by non-natural causes or filled with material of unknown origin, mounds, or depressions suggesting solid waste disposal.

There are tires, old bus chassis, and a trailer in the backyard. The Town of Westford has filled a portion of the property (ravine area) with ditch diggings from the rural roads around Westford.

E. Drains and Waste Water (Section 9.4.4.5): Describe wastewater or other liquid (including storm water) discharge into drain, ditch, or stream on or adjacent to the subject property. Note the condition of wastewater or liquid discharge (e.g., water flowing or pooled, sheens on the liquid surface, color, odor)

There is a culvert that connects to the drainage system under the town green – outlet is at the top of the ravine.

F. Wells (Section 9.4.4.6): Note active or inactive wells on the subject property (including oil or gas wells, injection wells, irrigation wells, groundwater monitoring wells, dry wells, abandoned wells, or other wells) and indicate location on site sketch map.

Shallow dug well on north end of proeprty.

G. Septic Systems (Section 9.4.4.7): Indicate whether evidence exists of on-site septic systems and/or cesspools.

The house septic system is possibly connected to the old school system. The garage septic is unknown.

H. Helpful Documents (Section 10.8): Indicate whether any of the following documents are known to exist and if so, can copies of the documents be obtained within reasonable time and cost constraints?
   a. Environmental site assessment reports
   b. Environmental compliance audit reports
   c. Environmental permits
   d. Registrations for underground and above ground storage tanks
   e. Registrations for underground injection systems
   f. Material safety data sheets
   g. Community right to know plan
   h. Safety plans, SPCC plans
   i. Hydrogeological reports
   j. Governmental notices related to environmental violations or environmental liens
   k. Hazardous waste generator notices or reports
   l. Geotechnical studies
   m. Risk assessments
   n. Recorded activity and use limitations

None

H. Proceedings involving the Property (Section 10.9): Indicate any knowledge of pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on, or from the Property; any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, or from the property; and any notices from any governmental entity regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products.

None

Date: September 9, 2019

Site Name: Pigeon Property

Location: 1705 Rte 128, Westford, VT 05494

User: TBD/Town of Westford

Representative: Westford Planning Commission

Contact Info: Melissa Manka, Planning Coordinator: planner @westfordvt.us / 802.878.4587

In order to qualify for one of the Landowner Liability Protections (LLPs)187 offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"),188 the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?[1]

Unknown – a title search hasn't been conducted.

(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)).

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Unknown– a title search hasn't been conducted.

[1] NOTE 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

The Town of Westford is an adjacent property owner but doesn't have specialized knowledge of the chemicals and/or processes used as a part of historic commercial use of the property.

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

The purchase price discussed has not been decreased due to unknown contamination.

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses of the property?

Some of the historic commercial uses are known.

(b.) Do you know of specific chemicals that are present or once were present at the property?

No.

(c.) Do you know of spills or other chemical releases that have taken place at the property?

No.

(d.) Do you know of any environmental cleanups that have taken place at the property?

No.

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Yes – The historic commercial use of the property.

X3.1 In addition, certain information should be collected, if available, and provided to the environmental professional conducting the Phase I Environmental Site Assessment. This information is intended to assist the environmental professional, but is not necessarily required to qualify for one of the LLPs. The information includes:

(a) the reason why the Phase I is being performed

Due to historic commercial use of the property.

(b) the type of property and type of property transaction, for example, sale, purchase, exchange, etc.

Residential/Nonresidential & Purchase.

(c) the complete and correct address for the property (a map or other documentation showing property location and boundaries is helpful)

1705 Rte 128, Westford, VT 05494

(d) the scope of services desired for the Phase I (including whether any parties to the property transaction may have a required standard scope of services or whether any considerations beyond the requirements of Practice E1527 are to be considered),

Yes.

(e) identification of all parties who will rely on the Phase I report,

Yes.

(f) identification of the site contact and how the contact can be reached,

Yes.

(g) any special terms and conditions which must be agreed upon by the environmental professional, and

None.

(h) any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).

Yes – This has been done.

APPENDIX E

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Angela Emerson

LE Environmental LLC
21 North Main Street, Waterbury, Vermont 05676
c (802) 922-0043, p (802) 917-2001
angela@leenv.net

Expertise

Environmental project management; Brownfields investigation and cleanup; Commercial property environmental due diligence; Phase I and II Environmental Site Assessments; Vapor encroachment and intrusion investigations; Indoor air quality studies; Environmental cleanup and redevelopment; Grant applications; Solid waste facility assessment; Solid Waste Implementation Plans; General environmental consulting; PCB investigations and Self-Implementing Cleanup Plans.

Recent Environmental Assessment and Cleanup Experience

Brownfields assessments and redevelopment of contaminated properties; Manufacturing facilities; Multi-unit housing; Dry cleaning facilities; Flood/disaster relief properties; Automotive dealerships and service garages; Agricultural properties; Abandoned/vacant properties; Solid waste transfer and disposal facilities; Petroleum storage and retail facilities.

Professional Experience

Senior Geologist/Co-Owner, LE Environmental LLC, Waterbury, Vermont July 2014 - present

Senior Geologist, KAS Inc., Williston, Vermont 2005 – June 2014

Staff Geologist / Second Avenue Subway Project - Manhattan, Yu & Associates, Elmwood Park, New Jersey, 2002 - 2003

Internship, Vermont Geological Survey, Waterbury, Vermont, 2001

Professional Licenses, Certifications and Qualifications

Licensed Professional Geologist, State of New York No. 000969

ASTM Training: Phase I Environmental Site Assessment Practices For Commercial Real Estate: Transaction Screen & Phase I Site Assessment ASTM E1527-13 & Phase II Site Assessment ASTM E1903-11

EPA Environmental Professional

OSHA 40 Hour Hazardous Sites Certified

Academic Background

Bachelor of Science, Geology, University of Vermont

Alan Liptak

LE Environmental LLC
21 North Main Street, Waterbury, Vermont 05676
c (802) 917-4228, p (802) 917-2001
alan@leenv.net

Expertise

Commercial property environmental due diligence; Brownfields investigation and cleanup; Phase I and II Environmental Site Assessments; Transaction screen; Vapor encroachment and intrusion; Indoor air quality; Environmental cleanup and redevelopment; PCB, dioxin, urban soils, metals contamination; Grant applications; Solid waste facility assessment; Expert witness.

Recent Environmental Assessment and Cleanup Experience

Brownfields and other redevelopment properties; Manufacturing facilities; Multi-unit housing; Electrical utility service centers; Dry cleaning facilities; Flood/disaster relief properties; Automotive / other vehicle dealerships and service garages; Agricultural properties; Abandoned/vacant properties; Solid waste transfer and disposal facilities; Petroleum storage / retail facilities.

Professional Experience

Senior Geologist/Co-Owner, LE Environmental LLC, Waterbury, Vermont July 2014-present

Principal Geologist/Partner, KAS Inc. 2004-June 2014

Environmental Programs Manager/Senior Geologist, Griffin International Inc. 1999-2004

Senior Scientist, The Johnson Company 1990-1999

Professional Licenses, Certifications and Qualifications

Licensed Professional Geologist, State of New Hampshire No. 00142

Licensed Professional Geologist, State of New York No. 00517

Certified Professional Geologist, American Institute of Professional Geologists No. 10166

ASTM Training: Phase I Environmental Site Assessment Practices For Commercial Real Estate: Transaction Screen & Phase I Site Assessment ASTM E1527-13 June 2014

EPA Environmental Professional.

OSHA 40 Hour Hazardous Sites Certified

Academic Background

MBA, Norwich University, Cum Laude

Master of Science, Geology, Chemistry Minor, University of Montana

Bachelor of Arts, Geology, State University of New York

APPENDIX F

REGULATORY RECORDS DOCUMENTATION

1705 Route 128
1705 Route 128
Westford, VT 05494

Inquiry Number: 5780279.2s
September 06, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1705 ROUTE 128
WESTFORD, VT 05494

COORDINATES

Latitude (North):	44.6127420 - 44° 36' 45.87''
Longitude (West):	73.0097200 - 73° 0' 34.99''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	657922.7
UTM Y (Meters):	4941642.5
Elevation:	435 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5645399 ESSEX CENTER, VT
Version Date:	2012
Northeast Map:	5649143 GILSON MOUNTAIN, VT
Version Date:	2012
Southeast Map:	5649157 UNDERHILL, VT
Version Date:	2012
Northwest Map:	5645405 MILTON, VT
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140711
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1705 ROUTE 128
WESTFORD, VT 05494

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WESTFORD MARKET	1691 RT 128	LUST, SPILLS	Higher	142, 0.027, SSE
A2	WESTFORD MARKET	1691 ROUTE 128	UST	Higher	142, 0.027, SSE
B3	WESTFORD HWY DEPT	35 CAMBRIDGE RD	RCRA-CESQG, FINDS, ECHO	Higher	782, 0.148, East
B4	HHWC CSWD WESTFORD T	35 CAMBRIDGE RD	RCRA-CESQG, MANIFEST	Higher	782, 0.148, East
C5	WESTFORD TOWN GARAGE	CAMBRIDGE ROAD	UST	Higher	963, 0.182, ESE
C6	WESTFORD TOWN GARAGE	CAMBRIDGE RD	LUST	Higher	963, 0.182, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ---------- Sites Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Landfills and Transfer Stations

State and tribal leaking storage tank lists

LAST ---------- Sites Database
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Above Ground Storage Tanks
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS ---------- Engineering Controls Site Listing
INST CONTROL ---------- Institutional Control Sites Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
US CDL ---------- National Clandestine Laboratory Register

PFAS ---- Sites With Known PFAS Contamination

Local Land Records

LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
SPILLS ---- Sites Database
SPILLS 90 ---- SPILLS 90 data from FirstSearch
SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated
FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
AIRS ---- Permitted AIRS Facility Listing
ASBESTOS ---- ASBESTOS

DRYCLEANERS Drycleaner Facilities List
Financial Assurance Financial Assurance Information Listing
NPDES Inventory of NPDES Permits
TIER 2 Tier 2 Data Listing
VAPOR Vapor Intrusion
UIC Underground Injection Wells Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS Recovered Government Archive State Hazardous Waste Facilities List
RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTFORD HWY DEPT	***35 CAMBRIDGE RD***	***E 1/8 - 1/4 (0.148 mi.)***	***B3***	***12***

EPA ID:: VTR000503797

HHWC CSWD WESTFORD T	***35 CAMBRIDGE RD***	***E 1/8 - 1/4 (0.148 mi.)***	***B4***	***14***

EPA ID:: VTR000507962

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Vermont Hazardous Waste Sites List.

A review of the LUST list, as provided by EDR, and dated 06/10/2019 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTFORD MARKET	***1691 RT 128***	***SSE 0 - 1/8 (0.027 mi.)***	***A1***	***8***

Contamination: MTBE
Project Status: June 2016 - During the closure of a 2,000 gallon gasoline UST an abandoned UST was discovered in the ROW. One tank removed, one was closed in place; during SI, an additional abandoned UST was discovered, and subsequently closed in place. Two additional USTs had been installed circa 1970 and removed in 1991. The store and one adjacent supply well are currently known to have low level MtBE impacts (below VGES). Additional SI and supply well sampling to occur. Store is currently vacant; neighbor has been set up with bottled water delivery. No VGES exceedences in any well. No real overburden aquifer. Onsite supply well is close to location of former tanks, may be source for MtBE in bedrock. Soil excavation not practical at this site. Meeting onsite 8/2018 to determine options for site cleanup.
Facility Id: 20154598

WESTFORD TOWN GARAGE	CAMBRIDGE RD	ESE 1/8 - 1/4 (0.182 mi.)	C6	22

Project Status: Monitoring Completed.
Facility Id: 900638
Closure Date: 02/22/1991

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's State of Vermont Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 05/07/2019 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTFORD MARKET	1691 ROUTE 128	SSE 0 - 1/8 (0.027 mi.)	A2	9

Facility Id: 513
Facility Status: PULLED
Facility ID: 513
Facility Status: PULLED

WESTFORD TOWN GARAGE	CAMBRIDGE ROAD	ESE 1/8 - 1/4 (0.182 mi.)	C5	19

Facility Id: 1528

Facility Status: ACTIVE
Facility ID: 1528
Facility Status: ACTIVE

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 04/22/2019 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

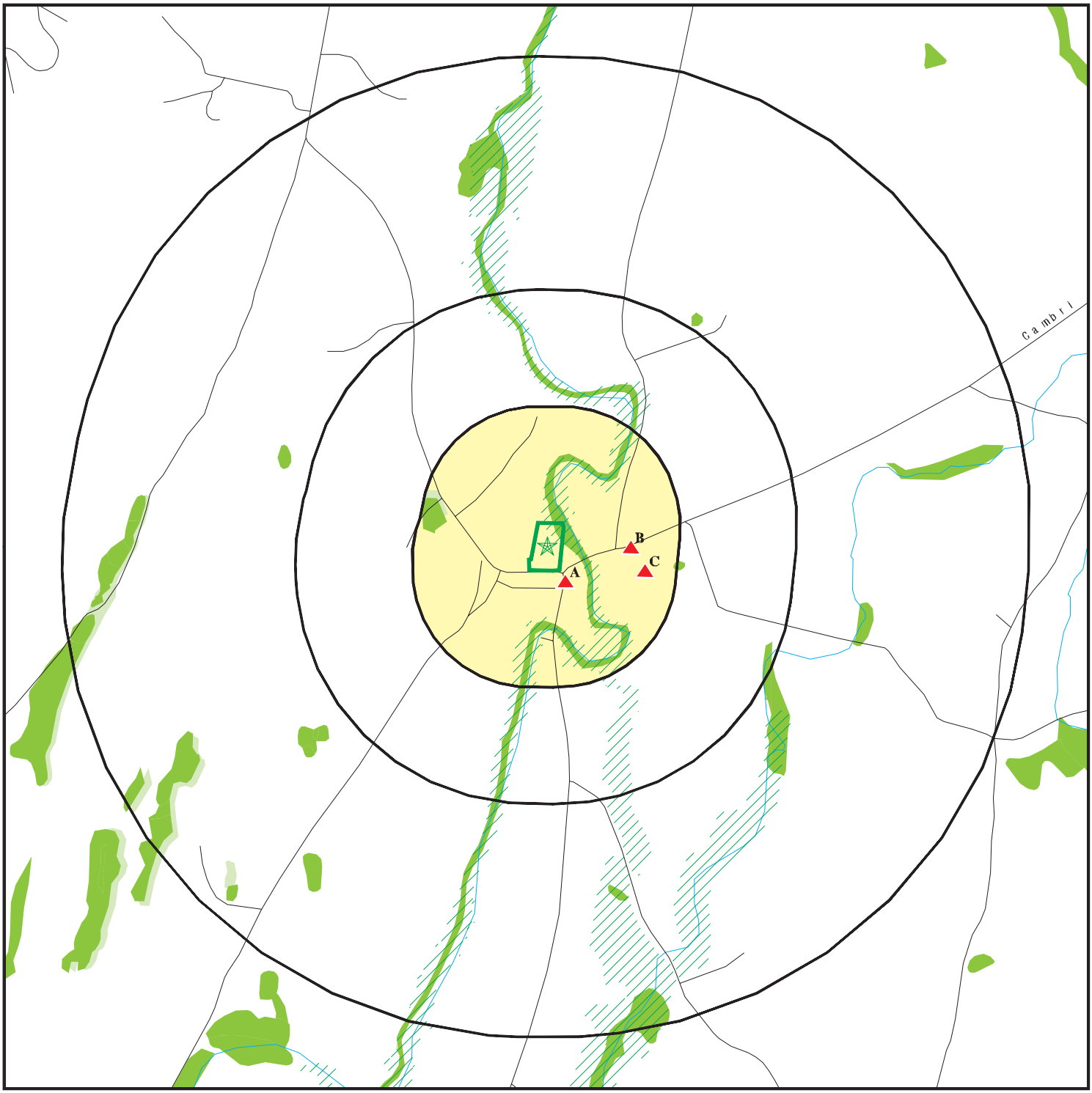
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HHWC CSWD WESTFORD T	***35 CAMBRIDGE RD***	***E 1/8 - 1/4 (0.148 mi.)***	***B4***	***14***

EPA Id: VTR000507962
Facility Id: NCD000648451
edr_manid: VT0170258
Trans1: NJD986607380
Trans1: MAD039322250

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5780279.2S



0 1/4 1/2 1 Miles

N

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

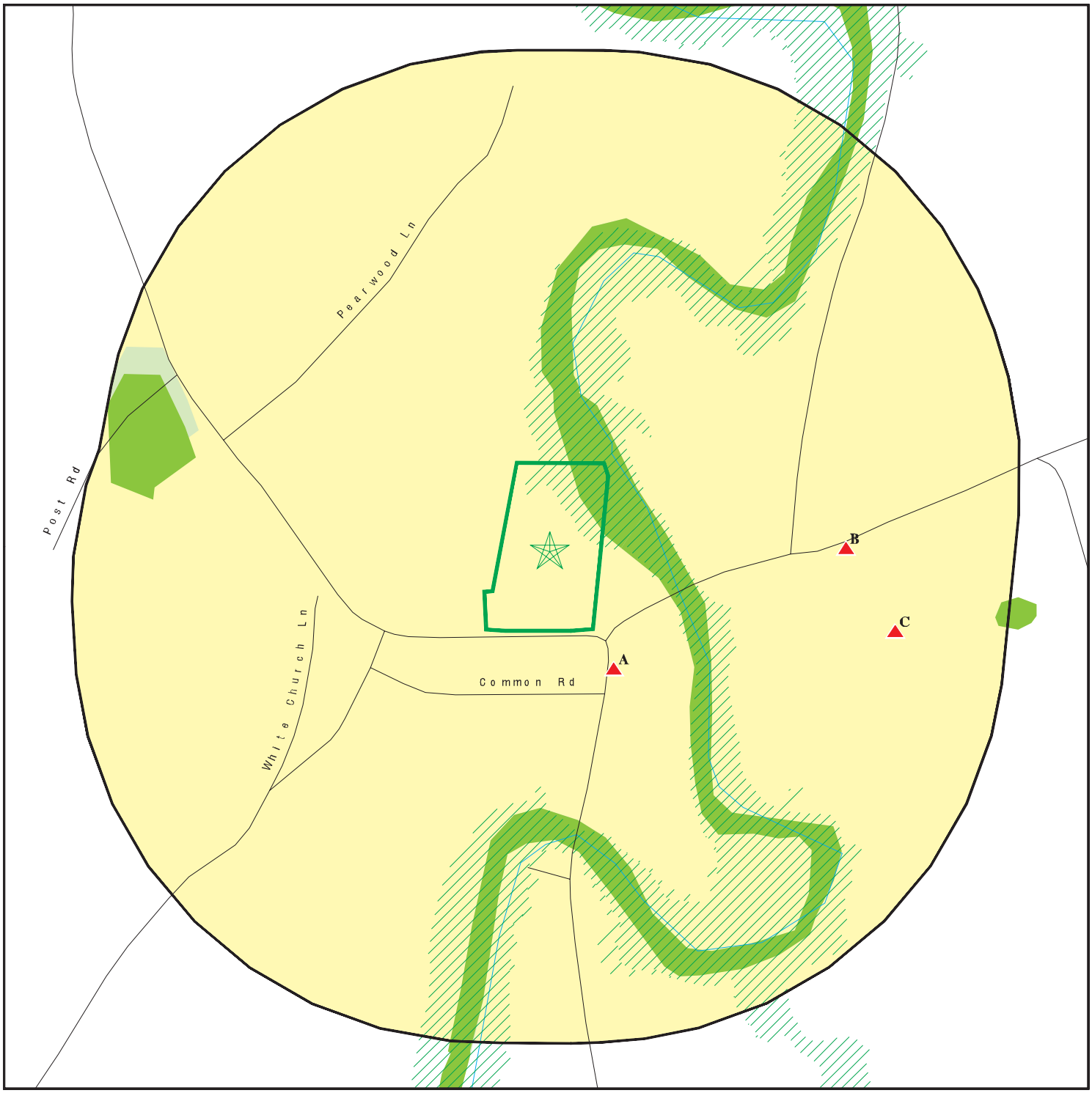
National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1705 Route 128	CLIENT:	LE Environmental
ADDRESS:	1705 Route 128 Westford VT 05494	CONTACT:	Angela Emerson
		INQUIRY #:	5780279.2s
LAT/LONG:	44.612742 / 73.00972	DATE:	September 06, 2019 3:18 pm

DETAIL MAP - 5780279.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1705 Route 128	CLIENT: LE Environmental
ADDRESS: 1705 Route 128 Westford VT 05494	CONTACT: Angela Emerson
LAT/LONG: 44.612742 / 73.00972	INQUIRY #: 5780279.2s
	DATE: September 06, 2019 3:19 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	2	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	1	0	NR	NR	2
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		1	1	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	1	NR	NR	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	5	0	0	0	7

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **WESTFORD MARKET** **LUST** **S118454748**
SSE **1691 RT 128** **SPILLS** **N/A**
< 1/8 **WESTFORD, VT**
0.027 mi.
142 ft. **Site 1 of 2 in cluster A**

Relative: Higher

Actual: 452 ft.

LUST:

Name:	WESTFORD MARKET
Address:	1691 RT 128
City,State,Zip:	WESTFORD, VT
Facility ID:	20154598
Source:	UST-Gasoline
Closure Date:	Not reported
Priority:	MED - Site with sensitive receptors that are threatened by contamination
Staff:	Tami Wuestenberg
Source:	UST-Gasoline
Site Use:	Business
Site Status:	Voluntary Action
Contamination:	MTBE
Institutional Control:	Not reported
Record Last Update:	03/20/2019
Project Status:	June 2016 - During the closure of a 2,000 gallon gasoline UST an abandoned UST was discovered in the ROW. One tank removed, one was closed in place; during SI, an additional abandoned UST was discovered, and subsequently closed in place. Two additional USTs had been installed circa 1970 and removed in 1991. The store and one adjacent supply well are currently known to have low level MtBE impacts (below VGES). Additional SI and supply well sampling to occur. Store is currently vacant; neighbor has been set up with bottled water delivery. No VGES exceedences in any well. No real overburden aquifer. Onsite supply well is close to location of former tanks, may be source for MtBE in bedrock. Soil excavation not practical at this site. Meeting onsite 8/2018 to determine options for site cleanup.

Click here to access VT DEC Site:

SPILLS:

Name:	WESTFORD MARKET
Address:	1691 RT 128
City,State,Zip:	WESTFORD, VT
Year:	2015
Report #:	WMD653
Hazardous Site Number:	Not reported
Date Reported:	12/22/2015
Time Reported:	08:27:00
Complaint Taker:	Susan Thayer
Received From:	Not reported
Duty Officer:	Not reported
Reported By Name:	Not reported
Reported By Organization:	Not reported
Reported By Work Phone:	Not reported
Reported By Home Phone:	Not reported
Incident Code:	Not reported
Incident Type:	PCS found during inplace closure of a UST
Date Of Incident:	Not reported
Time Of Incident:	Not reported
Product:	Not reported

WESTFORD MARKET (Continued) **S118454748**

Quantity:	--
Unit Of Measure:	Not reported
Responsible Party:	Kevin and Suzanned Kearns
RP Address:	Not reported
RP City,St,Zip:	Not reported
RP Phone Work:	Not reported
RP Phone Home:	Not reported
RP EMail:	Not reported
EMail Sent Status:	Not reported
Case Assigned To:	Not reported
Surface Water Affected:	Not reported
Date Closed:	**12/22/2015**
Closure Desc:	Not reported
UST Facility Id:	Not reported
Lat/Long:	Not reported
Comments:	During after the fact site assessment for a removed permitted tank an abandoned unknown tank was found and it was in poor condition.
Action:	Abandoned tank in AOT right of way and was filled in place.

Click here to access VT DEC Site:

A2 **WESTFORD MARKET** **UST** **U000907901**
SSE **1691 ROUTE 128** **N/A**
< 1/8 **WESTFORD, VT 05494**
0.027 mi.
142 ft. **Site 2 of 2 in cluster A**

Relative: Higher

Actual: 452 ft.

UST:

Facility:

Facility ID:	513
Facility Status:	PULLED
Sites Id:	20154598
Pin:	EJ96-0562
Permitted To:	Tank Owner
Landowner:	Kevin M Kearns
Permit Expires:	Not reported
Fee Status:	Not reported
Tanks Pulled:	2/2/1
Site Code:	Contamination found
Removed:	5
Receipt:	0564
Owner Name:	Kevin M Kearns
Owner Person:	dba Westford Market
Owner Address:	171 Covey Road
Owner City,St,Zip:	Westford, VT 05494-9524
Owner Telephone:	802-878-5440
Operator Name:	Kevin M Kearns
Operator Person:	dba Westford Market
Operator Address:	171 Covey Road
Operator City,St,Zip:	Westford, VT 05494-9524
Operator Telephone:	802-878-5440
Groundwater Monitoring Wells:	Not reported
Vapor Monitoring Points:	Not reported

Tank Data:

Tank ID:	18140

WESTFORD MARKET (Continued) **U000907901**

Tank Status:	PULLED
Tank Label:	1955-1-r
Tank Protect:	Not reported
Year Removed:	2015
Capacity (Gal):	1200
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	POOR
Date Reference:	12/22/2015

Compartment:

Comp Id:	21482
Compartment Label:	A
Substance:	Gasoline
Spill:	Not reported
Overfill:	Not reported

Piping:

Pipe Seq:	1
Pipe Type:	DEFAULT
Pipe Installation Year:	Not reported
Pipe Protection:	Not reported
CP Pipe Test:	Not reported
Pipe Monitor 1:	Not reported
Pipe Monitor 1 Test:	Not reported
Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Not reported

Tank Data:

Tank ID:	8745
Tank Status:	PULLED
Tank Label:	1973-1-R
Tank Protect:	Not reported
Year Removed:	1991
Capacity (Gal):	1000
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	GOOD
Date Reference:	Not reported

Compartment:

Comp Id:	8776
Compartment Label:	A
Substance:	Gasoline
Spill:	Not reported
Overfill:	Not reported

Piping:

Pipe Seq:	1
Pipe Type:	DEFAULT
Pipe Installation Year:	Not reported
Pipe Protection:	Not reported
CP Pipe Test:	Not reported
Pipe Monitor 1:	Not reported
Pipe Monitor 1 Test:	Not reported

WESTFORD MARKET (Continued) **U000907901**

Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Not reported

Tank Data:

Tank ID:	8746
Tank Status:	PULLED
Tank Label:	1973-2-R
Tank Protect:	Not reported
Year Removed:	1991
Capacity (Gal):	3000
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	GOOD
Date Reference:	Not reported

Compartment:

Comp Id:	8777
Compartment Label:	A
Substance:	Gasoline
Spill:	Not reported
Overfill:	Not reported

Piping:

Pipe Seq:	1
Pipe Type:	DEFAULT
Pipe Installation Year:	Not reported
Pipe Protection:	Not reported
CP Pipe Test:	Not reported
Pipe Monitor 1:	Not reported
Pipe Monitor 1 Test:	Not reported
Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Not reported

Tank Data:

Tank ID:	8747
Tank Status:	PULLED
Tank Label:	1991-1-r
Tank Protect:	Protected steel
Year Removed:	2015
Capacity (Gal):	2000
Category One:	UST
CP Test:	7/28/2011 12:00:00 AM
Release Monitor:	Not reported
Condition:	EXCELLENT
Date Reference:	Not reported

Compartment:

Comp Id:	8778
Compartment Label:	A
Substance:	Gasoline
Spill:	Spill Containment Bucket
Overfill:	Overfill Vent Whistle Alarm

WESTFORD MARKET (Continued) **U000907901**

Piping:

Pipe Seq:	1
Pipe Type:	Dispenser
Pipe Installation Year:	1991
Pipe Protection:	Fiberglass reinforced plastic
CP Pipe Test:	Not reported
Pipe Monitor 1:	Exempt Suction System w/Vertical Check Valve
Pipe Monitor 1 Test:	Not reported
Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Suction

B3 **WESTFORD HWY DEPT** **RCRA-CESQG** **1005444988**
East **35 CAMBRIDGE RD** **FINDS** **VTR000503797**
1/8-1/4 **WESTFORD, VT 05494** **ECHO**
0.148 mi.
782 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
463 ft.

RCRA-CESQG:

Date form received by agency:	06/01/2004
Facility name:	WESTFORD HWY DEPT
Facility address:	35 CAMBRIDGE RD WESTFORD, VT 05494
EPA ID:	VTR000503797
Mailing address:	VT RTE 128 WESTFORD, VT 05494
Contact:	GARY ESTUS
Contact address:	1713 VT RTE 128 WESTFORD, VT 05494
Contact country:	US
Contact telephone:	802-879-4306
Contact email:	Not reported
EPA Region:	01
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TOWN OF WESTFORD
Owner/operator address:	1713 VT RTE 128 WESTFORD, VT 05494
Owner/operator country:	Not reported
Owner/operator telephone:	802-878-4587
Owner/operator email:	Not reported

WESTFORD HWY DEPT (Continued) **1005444988**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1776
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: Yes
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/04/2002
Site name: WESTFORD HWY DEPT
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

WESTFORD HWY DEPT (Continued) **1005444988**

Violation Status: No violations found

FINDS:

Registry ID: 110012563751

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1005444988
Registry ID: 110012563751
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012563751

B4 **HHWC CSWD WESTFORD TOWN GARAGE** **RCRA-CESQG** **1006931764**
East **35 CAMBRIDGE RD** **MANIFEST** **VTR000507962**
1/8-1/4 **WESTFORD, VT 05494**
0.148 mi.
782 ft. **Site 2 of 2 in cluster B**

Relative: **Higher**
Actual: **463 ft.**

RCRA-CESQG:
Date form received by agency: 05/03/2007
Facility name: HHWC CSWD WESTFORD TOWN GARAGE
Facility address: 35 CAMBRIDGE RD
WESTFORD, VT 05494
EPA ID: VTR000507962
Mailing address: REDMOND RD
WILLISTON, VT 05495
Contact: JENNIFER HOLLIDAY
Contact address: REDMOND RD
WILLISTON, VT 05495
Contact country: US
Contact telephone: 802-872-8100
Telephone ext.: 223
Contact email: Not reported
EPA Region: 01
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

HHWC CSWD WESTFORD TOWN GARAGE (Continued) **1006931764**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TOWN OF WESTFORD
Owner/operator address:	VT RTE 128
	WESTFORD, VT 05494
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	08/05/2003
Owner/Op end date:	Not reported

Owner/operator name:	CHITTENDEN SOLID WASTE DIST
Owner/operator address:	REDMOND RD
	WILLISTON, VT 05495
Owner/operator country:	US
Owner/operator telephone:	802-872-8100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	05/02/2007
Site name:	HHWC CSWD WESTFORD
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	08/05/2003
Site name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Classification:	Conditionally Exempt Small Quantity Generator

HHWC CSWD WESTFORD TOWN GARAGE (Continued) **1006931764**

Hazardous Waste Summary:

Violation Status: No violations found

VT MANIFEST:

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	NJD986607380
T1 Name:	MAUMEE EXPRESS INC
Manifest Transporter City/State:	LEBANON NJ
Dot Description:	PESTICIDES LIQUID FLAMMABLE TOXIC NOS 3 6.1 UN3021 PGII DIAZINON 2,4-D
Additional Dot:	Not reported
Waste:	VT99;VX60
Quantity:	200.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	MAD039322250
T1 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Manifest Transporter City/State:	NORWELL MA
Dot Description:	RQ WASTE FLAMMABLE LIQUIDS NOS 3 UN1993 PGII GASOLINE THINNER
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	800.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC

HHWC CSWD WESTFORD TOWN GARAGE (Continued) **1006931764**

Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	NJD986607380
T1 Name:	MAUMEE EXPRESS INC
Manifest Transporter City/State:	LEBANON NJ
Dot Description:	RQ WASTE PAINT 3 UN1263 PGII
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	900.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	MAD039322250
T1 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Manifest Transporter City/State:	NORWELL MA
Dot Description:	WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	500.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST

HHWC CSWD WESTFORD TOWN GARAGE (Continued) **1006931764**

Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	NJD986607380
T1 Name:	MAUMEE EXPRESS INC
Manifest Transporter City/State:	LEBANON NJ
Dot Description:	RQ WASTE FLAMMABLE LIQUIDS NOS 3 UN1993 PGII GASOLINE THINNER
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	800.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	NJD986607380
T1 Name:	MAUMEE EXPRESS INC
Manifest Transporter City/State:	LEBANON NJ
Dot Description:	WASTE PAINT RELATED MATERIALS 3 UN1263 PGII
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	500.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	MAD039322250
T1 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Manifest Transporter City/State:	NORWELL MA

HHWC CSWD WESTFORD TOWN GARAGE (Continued) **1006931764**

Dot Description:	PESTICIDES LIQUID FLAMMABLE TOXIC NOS 3 6.1 UN3021 PGII DIAZINON 2,4-D
Additional Dot:	Not reported
Waste:	VT99;VX60
Quantity:	200.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006
Name:	CHITTENDEN SOLID WSTE DIST WESTFORD HHWC
Address:	35 CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT 05494
Manifest ID:	VT0170258
EPA Id:	VTR000507962
Facility Id:	NCD000648451
Facility Name:	CLEAN HARBORS REIDSVILLE LL
Mailing Name:	CHITTENDEN SW DIST
Mailing Address:	1011 AIRPORT PKWY
Mailing City,St,Zip:	SOUTH BURLINGTON, VT 05403
Contact Phone:	8028728100
Contact Name:	JEN HOLLIDAY
Trans1:	MAD039322250
T1 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Manifest Transporter City/State:	NORWELL MA
Dot Description:	RQ WASTE PAINT 3 UN1263 PGII
Additional Dot:	Not reported
Waste:	D001;VX60
Quantity:	900.00
Unit:	P
Date Shipped:	06/10/2006
Facility City:	REIDSVILLE
Facility State:	NC
Fac Date:	06/19/2006

C5 **WESTFORD TOWN GARAGE** **UST** **U000906622**
ESE **CAMBRIDGE ROAD** **N/A**
1/8-1/4 **WESTFORD, VT 05494**
0.182 mi.
963 ft. **Site 1 of 2 in cluster C**

Relative: UST:
Higher

Facility:
Actual: **462 ft.**

Facility ID:	1528
Facility Status:	ACTIVE
Sites Id:	900638
Pin:	EJ96-0313
Permitted To:	Tank Owner
Landowner:	Town of Westford
Permit Expires:	9/1/2022 12:00:00 AM
Fee Status:	Exempt
Tanks Pulled:	Not reported
Site Code:	Not reported
Removed:	Not reported
Receipt:	0855
Owner Name:	Town of Westford
Owner Person:	Nanette Rogers Town Clerk

WESTFORD TOWN GARAGE (Continued) **U000906622**

Owner Address:	1713 VT Route 128
Owner City,St,Zip:	Westford, VT 05494
Owner Telephone:	802-878-4587
Operator Name:	Westford Town Garage
Operator Person:	Brent Meacham Road Foreman
Operator Address:	1713 VT Route 128
Operator City,St,Zip:	Westford, VT 05495
Operator Telephone:	802 989 4587
Groundwater Monitoring Wells:	Not reported
Vapor Monitoring Points:	Not reported

Tank Data:

Tank ID:	11022
Tank Status:	PULLED
Tank Label:	1968-2-R
Tank Protect:	Not reported
Year Removed:	1990
Capacity (Gal):	10000
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	FAIR
Date Reference:	1990

Compartment:

Comp Id:	11070
Compartment Label:	A
Substance:	Fuel Oil #2 or #4
Spill:	Not reported
Overfill:	Not reported

Piping:

Pipe Seq:	1
Pipe Type:	DEFAULT
Pipe Installation Year:	Not reported
Pipe Protection:	Not reported
CP Pipe Test:	Not reported
Pipe Monitor 1:	Not reported
Pipe Monitor 1 Test:	Not reported
Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Not reported

Tank Data:

Tank ID:	11023
Tank Status:	PULLED
Tank Label:	1968-3-R
Tank Protect:	Not reported
Year Removed:	1990
Capacity (Gal):	20000
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	LUST
Date Reference:	1990

WESTFORD TOWN GARAGE (Continued) **U000906622**

Compartment:
- Comp Id: 11071
- Compartment Label: A
- Substance: Fuel Oil #2 or #4
- Spill: Not reported
- Overfill: Not reported

Piping:
- Pipe Seq: 1
- Pipe Type: DEFAULT
- Pipe Installation Year: Not reported
- Pipe Protection: Not reported
- CP Pipe Test: Not reported
- Pipe Monitor 1: Not reported
- Pipe Monitor 1 Test: Not reported
- Pipe Monitor 2: Not reported
- Pipe Monitor 2 Tested Date: Not reported
- Pump Type: Not reported

Tank Data:
- Tank ID: 11024
- Tank Status: ACTIVE
- Tank Label: 1990RC96-1
- Tank Protect: Protected steel
- Year Removed: Not reported
- Capacity (Gal): 6000
- Category One: UST
- CP Test: 9/27/2018 12:00:00 AM
- Release Monitor: Not reported
- Condition: Not reported
- Date Reference: Not reported

Compartment:
- Comp Id: 11072
- Compartment Label: A
- Substance: Diesel
- Spill: Spill Containment Bucket
- Overfill: Overfill Automatic Shutoff Valve

Piping:
- Pipe Seq: 1
- Pipe Type: dispenser
- Pipe Installation Year: 1996
- Pipe Protection: Fiberglass reinforced plastic
- CP Pipe Test: Not reported
- Pipe Monitor 1: Exempt Suction System w/Vertical Check Valve
- Pipe Monitor 1 Test: Not reported
- Pipe Monitor 2: Not reported
- Pipe Monitor 2 Tested Date: Not reported
- Pump Type: Suction

Tank Data:
- Tank ID: 11025
- Tank Status: PULLED
- Tank Label: 1991-1-R

WESTFORD TOWN GARAGE (Continued) **U000906622**

Tank Protect:	Not reported
Year Removed:	1996
Capacity (Gal):	6000
Category One:	UST
CP Test:	Not reported
Release Monitor:	Not reported
Condition:	GOOD
Date Reference:	Not reported

Compartment:

Comp Id:	11073
Compartment Label:	A
Substance:	Diesel
Spill:	Not reported
Overfill:	Not reported

Piping:

Pipe Seq:	1
Pipe Type:	DEFAULT
Pipe Installation Year:	Not reported
Pipe Protection:	Not reported
CP Pipe Test:	Not reported
Pipe Monitor 1:	Not reported
Pipe Monitor 1 Test:	Not reported
Pipe Monitor 2:	Not reported
Pipe Monitor 2 Tested Date:	Not reported
Pump Type:	Not reported

C6 **WESTFORD TOWN GARAGE** **LUST** **S103869180**
ESE **CAMBRIDGE RD** **N/A**
1/8-1/4 **WESTFORD, VT**
0.182 mi.
963 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
462 ft.

LUST:

Name:	WESTFORD TOWN GARAGE
Address:	CAMBRIDGE RD
City,State,Zip:	WESTFORD, VT
Facility ID:	900638
Source:	UST-Gasoline
Closure Date:	02/22/1991
Priority:	NFAP - No Further Action Planned
Staff:	Unassigned
Source:	UST-Gasoline
Site Use:	Not reported
Site Status:	Not reported
Contamination:	Not reported
Institutional Control:	Not reported
Record Last Update:	05/18/2012
Project Status:	Monitoring Completed.

Click here to access VT DEC Site:

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Sites Database

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/30/2019
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Landfills and Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/24/2019
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 802-241-3444
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Sites Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. Source Type: Underground Storage Tank.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/30/2019
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 802-241-3888
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

LAST: Sites Database

Leaking aboveground storage tank site locations included in the Sites database.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/30/2019
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/26/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

UST: State of Vermont Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 06/14/2019
Number of Days to Update: 35
Source: Department of Environmental Conservation
Telephone: 802-241-3888
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks
A listing of facilities with aboveground storage tanks.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 02/19/2019
Number of Days to Update: 19
Source: Department of Public Safety
Telephone: 802-244-8721
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of Active and Closed sites with institutional controls in place

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/30/2019
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

INST CONTROL: Institutional Control Sites Listing
Active and Closed Sites with institutional controls in place.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/30/2019
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site LIst
A listing of sites in the Brownfields program.

Date of Government Version: 05/21/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Conservation
Telephone: 802-241-3888
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Quarterly

PFAS: Sites With Known PFAS Contamination

PFAS have been widely used in numerous industrial and residential applications since the 1950a??s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 07/05/2019
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 802-828-1556
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

SPILLS: Sites Database

Hazardous materials spills included in the Sites database.

Date of Government Version: 05/21/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 04/19/2000
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/03/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 04/01/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 100

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/30/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

AIRS: Permitted AIRS Facility Listing
A listing of permitted AIRS facility locations.

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 10/24/2018
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 802-241-3840
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing
Asbestos notification sites

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 04/24/2019
Number of Days to Update: 15
Source: Department of Health
Telephone: 802-865-7784
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facilities List
A listing of drycleaners that use perchloroethylene.

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68
Source: Department of Environmental Conservation
Telephone: 802-241-3857
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 06/30/2009
Date Data Arrived at EDR: 09/14/2009
Date Made Active in Reports: 09/30/2009
Number of Days to Update: 16
Source: Department of Environmental Conservation
Telephone: 802-241-3868
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/25/2019
Number of Days to Update: 63
Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

NPDES: Inventory of NPDES Permits
A listing of NPDES permits.

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 06/25/2019
Number of Days to Update: 67
Source: Department of Environmental Conservation
Telephone: 802-241-2369
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 20
Source: Department of Public Safety
Telephone: 802-244-8721
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

VAPOR: Vapor Intrusion
A listing of where the site project manager has determined that an indoor air impact has occurred. This may be due to either vapor intrusion (VI) or direct releases of a hazardous material into a building.

Date of Government Version: 09/05/2017
Date Data Arrived at EDR: 09/08/2017
Date Made Active in Reports: 01/24/2018
Number of Days to Update: 138
Source: Agency of Natural Resources
Telephone: 802-828-1295
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing
A listing of underground injection wells in the state.

Date of Government Version: 05/10/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Department of Environmental Conservation
Telephone: 802-585-4913
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 191

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 187

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Providers
Source: Social & Rehabiltation Services
Telephone: 802-241-2158

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: VT Center for Geographic Information
Telephone: 802-882-3001

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1705 ROUTE 128
1705 ROUTE 128
WESTFORD, VT 05494

TARGET PROPERTY COORDINATES

Latitude (North):	44.612742 - 44° 36' 45.87''
Longitude (West):	73.00972 - 73° 0' 34.99''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	657922.7
UTM Y (Meters):	4941642.5
Elevation:	435 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5645399 ESSEX CENTER, VT
Version Date:	2012
Northeast Map:	5649143 GILSON MOUNTAIN, VT
Version Date:	2012
Southeast Map:	5649157 UNDERHILL, VT
Version Date:	2012
Northwest Map:	5645405 MILTON, VT
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

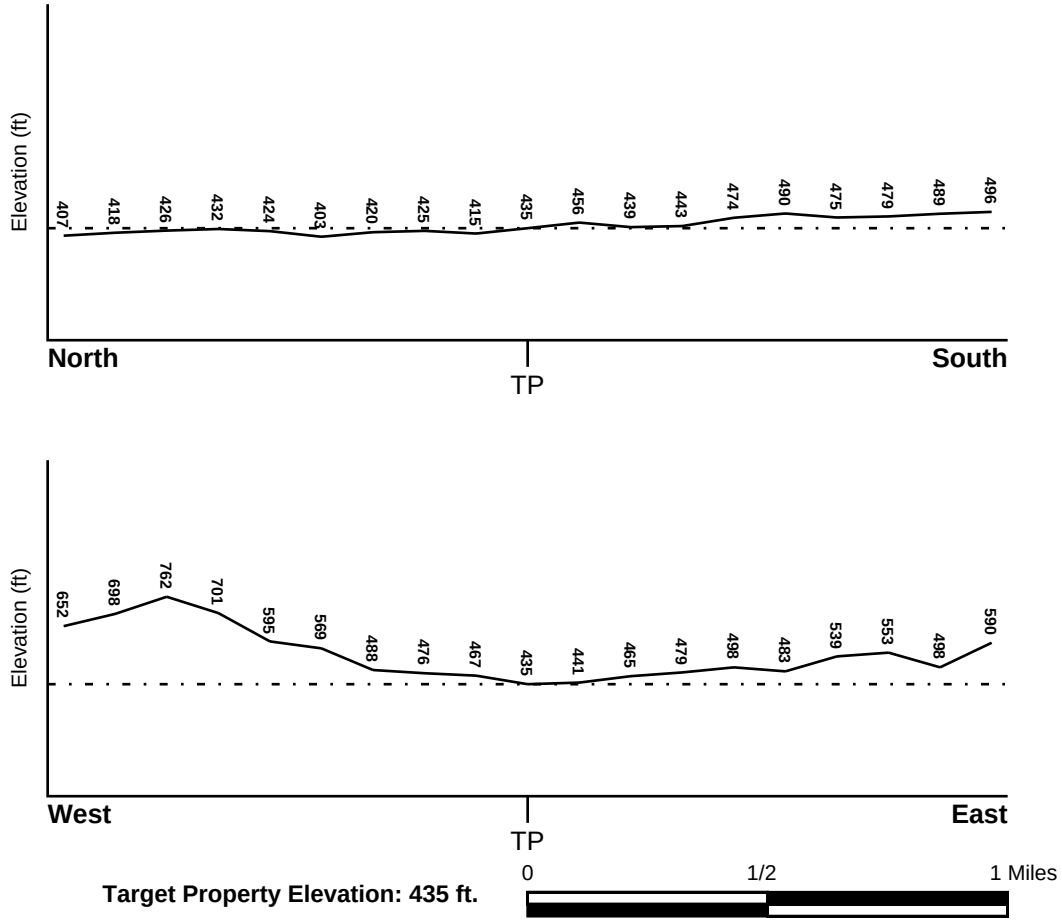
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
50007C0157D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
50007C0069D	FEMA FIRM Flood data
50007C0180D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ESSEX CENTER	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	MUNSON
Soil Surface Texture:	silt loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.60
2	8 inches	15 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.20	Max: 6.50 Min: 5.60
3	15 inches	65 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.00	Max: 7.30 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
loamy fine sand
very stony - loam
loamy sand
extremely stony - loam

Surficial Soil Types: loam
loamy fine sand
very stony - loam
loamy sand
extremely stony - loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silt loam
unweathered bedrock
fine sandy loam
clay
silt
sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40001198843	0 - 1/8 Mile ESE
C11	USGS40001198838	0 - 1/8 Mile SE
E16	USGS40001198832	1/8 - 1/4 Mile South
D17	USGS40001198846	1/8 - 1/4 Mile East
F23	USGS40001198834	1/8 - 1/4 Mile SW
H28	USGS40001198837	1/8 - 1/4 Mile ESE
K37	USGS40001198862	1/4 - 1/2 Mile NW
L42	USGS40001198827	1/4 - 1/2 Mile SW
N45	USGS40001198815	1/4 - 1/2 Mile South
K47	USGS40001198865	1/4 - 1/2 Mile NW
P53	USGS40001198842	1/4 - 1/2 Mile East
Q56	USGS40001198855	1/4 - 1/2 Mile ENE
S61	USGS40001198806	1/4 - 1/2 Mile South
68	USGS40001198885	1/2 - 1 Mile NW
78	USGS40001198897	1/2 - 1 Mile NNW
V91	USGS40001198917	1/2 - 1 Mile North
94	USGS40001198911	1/2 - 1 Mile NNW
100	USGS40001198914	1/2 - 1 Mile NNW
105	USGS40001198894	1/2 - 1 Mile NW
Z109	USGS40001198918	1/2 - 1 Mile NNW
AB111	USGS40001198869	1/2 - 1 Mile ENE
AC117	USGS40001198829	1/2 - 1 Mile East
AC118	USGS40001198830	1/2 - 1 Mile East
124	USGS40001198762	1/2 - 1 Mile SSE
AC127	USGS40001198822	1/2 - 1 Mile ESE
AC128	USGS40001198826	1/2 - 1 Mile East
131	USGS40001198922	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A9	VT0006745	0 - 1/8 Mile SE

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	VT6000000012117	0 - 1/8 Mile ESE
B2	VT6000000039051	0 - 1/8 Mile NW
A4	VT6000000012091	0 - 1/8 Mile SE
A5	VT6000000039062	0 - 1/8 Mile SE
B6	VT6000000061220	0 - 1/8 Mile NW
7	VT6000000012214	0 - 1/8 Mile SW
B8	VT6000000037972	0 - 1/8 Mile West
B10	VT6000000037973	0 - 1/8 Mile West
C12	VT6000000011317	0 - 1/8 Mile SSE
C13	VT6000000039093	0 - 1/8 Mile SSE
14	VT6000000042956	0 - 1/8 Mile WNW
D15	VT6000000039016	1/8 - 1/4 Mile East
E18	VT6000000039065	1/8 - 1/4 Mile South
E19	VT6000000011335	1/8 - 1/4 Mile South
C20	VT6000000039168	1/8 - 1/4 Mile SSE
E21	VT6000000039102	1/8 - 1/4 Mile SSW
E22	VT6000000039184	1/8 - 1/4 Mile SSE
G24	VT6000000012213	1/8 - 1/4 Mile West
G25	VT6000000072767	1/8 - 1/4 Mile WSW
G26	VT6000000039180	1/8 - 1/4 Mile WSW
H27	VT6000000012094	1/8 - 1/4 Mile ESE
H29	VT6000000039026	1/8 - 1/4 Mile ESE
F30	VT6000000039071	1/8 - 1/4 Mile WSW
31	VT6000000039166	1/8 - 1/4 Mile East
32	VT6000000012161	1/8 - 1/4 Mile NW
I33	VT6000000032859	1/8 - 1/4 Mile SW
J34	VT6000000047878	1/4 - 1/2 Mile South
I35	VT6000000012218	1/4 - 1/2 Mile SW
36	VT6000000039101	1/4 - 1/2 Mile SSE
38	VT6000000071555	1/4 - 1/2 Mile North
K39	VT6000000012078	1/4 - 1/2 Mile NW
L40	VT6000000012066	1/4 - 1/2 Mile WSW
J41	VT6000000028960	1/4 - 1/2 Mile South
K43	VT6000000012136	1/4 - 1/2 Mile WNW
M44	VT6000000012170	1/4 - 1/2 Mile WNW
K46	VT6000000075723	1/4 - 1/2 Mile NW
48	VT6000000012082	1/4 - 1/2 Mile ESE
O49	VT6000000012185	1/4 - 1/2 Mile SW
M50	VT6000000105213	1/4 - 1/2 Mile WNW
51	VT6000000039162	1/4 - 1/2 Mile NNE
52	VT6000000058243	1/4 - 1/2 Mile South
N54	VT6000000011336	1/4 - 1/2 Mile SSE
O55	VT6000000012222	1/4 - 1/2 Mile SSW
Q57	VT6000000037978	1/4 - 1/2 Mile ENE
P58	VT6000000037975	1/4 - 1/2 Mile East
59	VT6000000040423	1/4 - 1/2 Mile East
R60	VT6000000039037	1/4 - 1/2 Mile NNW
62	VT6000000012085	1/4 - 1/2 Mile NE
63	VT6000000039175	1/4 - 1/2 Mile South
R64	VT6000000039035	1/4 - 1/2 Mile NNW
65	VT6000000104642	1/4 - 1/2 Mile NW
S66	VT6000000039039	1/4 - 1/2 Mile South

STATE DATABASE WELL INFORMATION

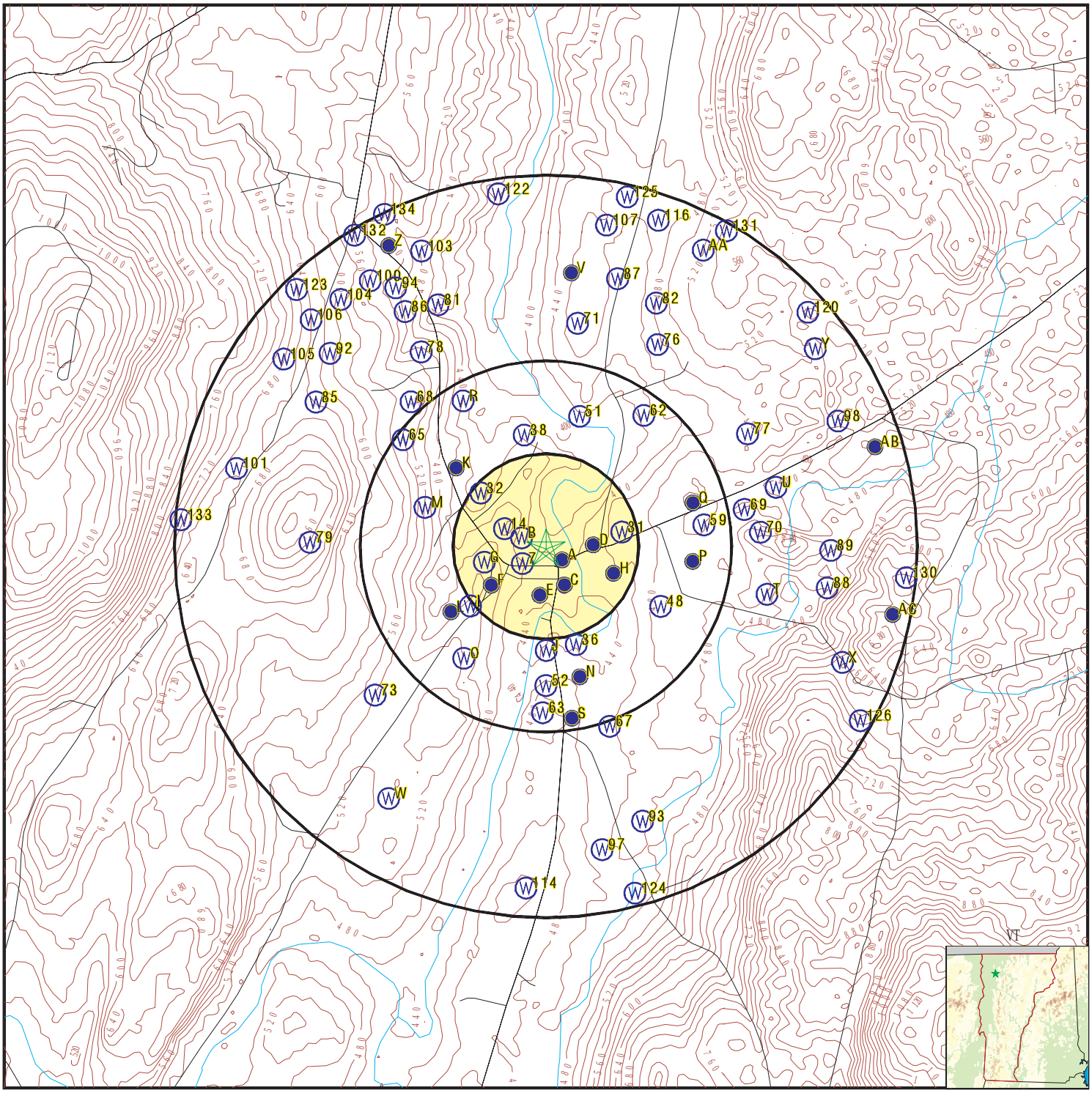
MAP ID	WELL ID	LOCATION FROM TP
67	VT6000000012107	1/2 - 1 Mile SSE
69	VT6000000012120	1/2 - 1 Mile East
70	VT6000000012123	1/2 - 1 Mile East
71	VT6000000039004	1/2 - 1 Mile North
T72	VT6000000012138	1/2 - 1 Mile ESE
73	VT6000000039081	1/2 - 1 Mile SW
T74	VT6000000012149	1/2 - 1 Mile East
U75	VT6000000012076	1/2 - 1 Mile ENE
76	VT6000000073571	1/2 - 1 Mile NNE
77	VT6000000039092	1/2 - 1 Mile ENE
79	VT6000000102654	1/2 - 1 Mile West
U80	VT6000000012166	1/2 - 1 Mile ENE
81	VT6000000039143	1/2 - 1 Mile NNW
82	VT6000000012112	1/2 - 1 Mile NNE
V83	VT6000000039054	1/2 - 1 Mile North
V84	VT6000000012129	1/2 - 1 Mile North
85	VT6000000039033	1/2 - 1 Mile WNW
86	VT6000000011316	1/2 - 1 Mile NNW
87	VT6000000025592	1/2 - 1 Mile NNE
88	VT6000000039113	1/2 - 1 Mile East
89	VT6000000039176	1/2 - 1 Mile East
W90	VTPUB1000000383	1/2 - 1 Mile SSW
92	VT6000000039084	1/2 - 1 Mile NW
93	VT6000000037982	1/2 - 1 Mile SSE
W95	VT6000000012190	1/2 - 1 Mile SW
W96	VTPUB1000000382	1/2 - 1 Mile SSW
97	VT6000000039072	1/2 - 1 Mile South
98	VT6000000012100	1/2 - 1 Mile ENE
X99	VT6000000039075	1/2 - 1 Mile ESE
101	VT6000000049262	1/2 - 1 Mile WNW
X102	VT6000000039073	1/2 - 1 Mile ESE
103	VT6000000039066	1/2 - 1 Mile NNW
104	VT6000000012183	1/2 - 1 Mile NW
106	VT6000000037979	1/2 - 1 Mile NW
107	VT6000000012206	1/2 - 1 Mile North
Y108	VT6000000102559	1/2 - 1 Mile NE
AA110	VT6000000011332	1/2 - 1 Mile NNE
AA112	VT6000000012197	1/2 - 1 Mile NNE
Y113	VT6000000102084	1/2 - 1 Mile NE
114	VT6000000039020	1/2 - 1 Mile South
AC115	VT6000000011319	1/2 - 1 Mile ESE
116	VT6000000012090	1/2 - 1 Mile NNE
Z119	VT6000000037980	1/2 - 1 Mile NNW
120	VT6000000012211	1/2 - 1 Mile NE
AB121	VT6000000039025	1/2 - 1 Mile ENE
122	VT6000000039144	1/2 - 1 Mile North
123	VT6000000057924	1/2 - 1 Mile NW
125	VT6000000039121	1/2 - 1 Mile NNE
126	VT6000000012096	1/2 - 1 Mile ESE
AC129	VT6000000049925	1/2 - 1 Mile East
130	VT6000000037981	1/2 - 1 Mile East
132	VT6000000039156	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
133	VT6000000039050	1/2 - 1 Mile West
134	VT6000000012202	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 5780279.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

SITE NAME:	1705 Route 128	CLIENT:	LE Environmental
ADDRESS:	1705 Route 128 Westford VT 05494	CONTACT:	Angela Emerson
		INQUIRY #:	5780279.2s
LAT/LONG:	44.612742 / 73.00972	DATE:	September 06, 2019 3:20 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
ESE
0 - 1/8 Mile
Higher

VT WELLS **VT6000000012117**

Database:	Well Driller Report Database		
Well Rpt #:	195	Owner:	PAGE
Date Completed:	1984-10-17T00:00:00.000Z	Date Received:	1984-10-17T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	647
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	60	Casing Length:	61
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

B2
NW
0 - 1/8 Mile
Lower

VT WELLS **VT6000000039051**

Database:	Well Driller Report Database		
Well Rpt #:	182	Owner:	LATHEN
Date Completed:	1983-09-30T00:00:00.000Z	Date Received:	1983-09-30T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	260
Yield (Gal/min):	1	Static Water Level:	5
Overburden Thickness:	5	Casing Length:	10
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Daniel Gosselin		

A3
ESE
0 - 1/8 Mile
Higher

FED USGS **USGS40001198843**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 116	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19791022
Well Depth:	172	Well Depth Units:	ft
Well Hole Depth:	172	Well Hole Depth Units:	ft

A4
SE
0 - 1/8 Mile
Higher

VT WELLS **VT6000000012091**

Database:	Well Driller Report Database		
Well Rpt #:	137	Owner:	MATHIEU
Date Completed:	1979-10-22T00:00:00.000Z	Date Received:	1979-11-02T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	172
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	21	Casing Length:	30
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

A5
SE
0 - 1/8 Mile
Higher

VT WELLS **VT6000000039062**

Database:	Well Driller Report Database		
Well Rpt #:	208	Owner:	BUCKLEY
Date Completed:	1985-12-11T00:00:00.000Z	Date Received:	Not Reported
Purchaser:	Not Reported	Well Depth:	177
Yield (Gal/min):	12	Static Water Level:	0
Overburden Thickness:	25	Casing Length:	34
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

B6
NW
0 - 1/8 Mile
Higher

VT WELLS **VT6000000061220**

Database:	Well Driller Report Database		
Well Rpt #:	48168	Owner:	Pouliot
Date Completed:	2012-09-04T00:00:00.000Z	Date Received:	2012-10-26T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	602
Yield (Gal/min):	35	Static Water Level:	Not Reported
Overburden Thickness:	22	Casing Length:	40.6
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	30
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Nick Manosh		

7
SW **VT WELLS** **VT6000000012214**
0 - 1/8 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	426	Owner:	WESTFORD, TOWN CLERKS OFFICE
Date Completed:	1995-07-25T00:00:00.000Z	Date Received:	Not Reported
Purchaser:	Not Reported	Well Depth:	461
Yield (Gal/min):	15	Static Water Level:	0
Overburden Thickness:	5	Casing Length:	21
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

B8
West **VT WELLS** **VT6000000037972**
0 - 1/8 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	7	Owner:	BIXBY
Date Completed:	1969-11-21T00:00:00.000Z	Date Received:	1970-02-02T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	348
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	45	Casing Length:	49
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
SE
0 - 1/8 Mile
Higher

FRDS PWS **VT0006745**

Epa region:	01	State:	VT
Pwsid:	VT0006745	Pwsname:	WESTFORD ELEMENTARY SCHOOL
Cityserved:	Not Reported	Stateserved:	VT
Zipserved:	Not Reported	Fipscounty:	50007
Status:	Active	Retpopsrvd:	275
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Local_Govt
Contact:	LEWIS, MARCIE	Contactorgname:	LEWIS, MARCIE
Contactphone:	802-878-5932	Contactaddress1:	Not Reported
Contactaddress2:	146 BROOKSIDE RD	Contactcity:	WESTFORD
Contactstate:	VT	Contactzip:	05494
Pwsactivitycode:	A		

Pwsid:	VT0006745	Facid:	11120
Facname:	UV - TREATMENT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	ultraviolet radiation	Factypecode:	TP

Pwsid:	VT0006745	Facid:	11120
Facname:	UV - TREATMENT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	ultraviolet radiation	Factypecode:	TP

PWS ID:	VT0006745	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	WESTFORD ELEMENTARY SCHOOL
PWS type code:	NTNC	Retail population served:	275
Contact:	SHEPARD, JR, GERALD H	Contact address:	146 BROOKSIDE RD
Contact address:	WESTFORD	Contact city:	VT
Contact state:	05	Contact zip:	802-878-59
Contact telephone:	Not Reported		

PWS ID:	VT0006745	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000320	System name:	WESTFORD ELEM. SCHOOL
System address:	Not Reported	System city:	WESTFORD
System state:	VT	System zip:	05494

Population served:	101 - 500 Persons	Treatment:	Untreated

Latitude:	443642	Longitude:	0730033

Violation id:	1050301	Orig code:	S
State:	VT	Violation Year:	2001
Contamination code:	1024	Contamination Name:	CYANIDE
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	333	Rule name:	Other IOC
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	09/30/2001		

Violation id:	1332504	Orig code:	S
State:	VT	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)

Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2004
Cmp edt:	09/30/2004		

Violation id:	1332505	Orig code:	S
State:	VT	Violation Year:	2009
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	52	Violation name:	Follow-up Or Routine LCR Tap M/R
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2009
Cmp edt:	Not Reported		

Violation id:	614200	Orig code:	S
State:	VT	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	04/01/2000
Cmp edt:	06/30/2000		

Violation id:	674897	Orig code:	S
State:	VT	Violation Year:	1997
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	52	Violation name:	Follow-up Or Routine LCR Tap M/R
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/1997
Cmp edt:	Not Reported		

Violation id:	832501	Orig code:	S
State:	VT	Violation Year:	2001
Contamination code:	1024	Contamination Name:	CYANIDE
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	333	Rule name:	Other IOC
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/2001
Cmp edt:	09/30/2001		

Violation id:	915500	Orig code:	S
State:	VT	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2000
Cmp edt:	06/30/2000		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9304040	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	010193	Violation end date:	013193
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9404519	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	100193	Violation end date:	123193
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9404625	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	010194	Violation end date:	033194
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/19/2001 0:00:00
Enforcement Action:	SFJ		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/19/2001 0:00:00
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/26/2001 0:00:00
Enforcement Action:	SIF		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/20/2001 0:00:00
Enforcement Action:	SOX		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/26/2001 0:00:00
Enforcement Action:	SIF		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/19/2001 0:00:00
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	3	Contaminant:	1024
Compliance Begin:	7/1/2001 0:00:00	Compliance End:	9/30/2001 0:00:00
Violation ID:	1050301	Enforcement Date:	11/19/2001 0:00:00

Enforcement Action: SFJ

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 3 Contaminant: 1024
Compliance Begin: 7/1/2001 0:00:00 Compliance End: 9/30/2001 0:00:00
Violation ID: 1050301 Enforcement Date: 11/20/2001 0:00:00
Enforcement Action: SOX

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 9/3/2004 0:00:00
Enforcement Action: SFH

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 10/1/2004 0:00:00
Enforcement Action: SIE

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 9/3/2004 0:00:00
Enforcement Action: SIF

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 10/1/2004 0:00:00
Enforcement Action: SIA

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 9/3/2004 0:00:00
Enforcement Action: SIF

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 9/3/2004 0:00:00
Enforcement Action: SFH

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 10/1/2004 0:00:00
Enforcement Action: SIE

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 21 Contaminant: 3100
Compliance Begin: 9/1/2004 0:00:00 Compliance End: 9/30/2004 0:00:00
Violation ID: 1332504 Enforcement Date: 10/1/2004 0:00:00
Enforcement Action: SIA

System Name: WESTFORD ELEMENTARY SCHOOL
Violation Type: 52 Contaminant: 5000
Compliance Begin: 1/1/1997 0:00:00 Compliance End: 12/31/2025 0:00:00
Violation ID: 674897 Enforcement Date: 7/1/1997 0:00:00
Enforcement Action: SIA

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	52	Contaminant:	5000
Compliance Begin:	1/1/1997 0:00:00	Compliance End:	12/31/2025 0:00:00
Violation ID:	674897	Enforcement Date:	7/1/1997 0:00:00
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/20/2000 0:00:00
Enforcement Action:	SIF		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/1/2000 0:00:00
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/1/2000 0:00:00
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/1/2000 0:00:00
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/20/2000 0:00:00
Enforcement Action:	SIF		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	4/1/2000 0:00:00	Compliance End:	6/30/2000 0:00:00
Violation ID:	915500	Enforcement Date:	7/1/2000 0:00:00
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1994-01-01	Compliance End:	1994-03-31
Violation ID:	9404625	Enforcement Date:	1994-05-11
Enforcement Action:	EFJ		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1994-01-01	Compliance End:	1994-03-31
Violation ID:	9404625	Enforcement Date:	1994-04-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1994-01-01	Compliance End:	1994-03-31
Violation ID:	9404625	Enforcement Date:	1994-04-01
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100

Compliance Begin:	1994-01-01	Compliance End:	1994-03-31
Violation ID:	9404625	Enforcement Date:	1994-10-03
Enforcement Action:	SFK		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-04-01	Compliance End:	1995-06-30
Violation ID:	9505290	Enforcement Date:	1995-07-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-04-01	Compliance End:	1995-06-30
Violation ID:	9505290	Enforcement Date:	1995-07-01
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-04-01	Compliance End:	1995-06-30
Violation ID:	9505290	Enforcement Date:	1996-06-30
Enforcement Action:	ETX		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-10-01	Compliance End:	1995-12-31
Violation ID:	9605578	Enforcement Date:	1996-06-30
Enforcement Action:	ETX		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-10-01	Compliance End:	1995-12-31
Violation ID:	9605578	Enforcement Date:	1996-01-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1995-10-01	Compliance End:	1995-12-31
Violation ID:	9605578	Enforcement Date:	1996-01-01
Enforcement Action:	SIE		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	52	Contaminant:	5000
Compliance Begin:	1997-01-01	Compliance End:	2015-12-31
Violation ID:	9706748	Enforcement Date:	1997-07-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	52	Contaminant:	5000
Compliance Begin:	1997-01-01	Compliance End:	2015-12-31
Violation ID:	9706748	Enforcement Date:	1997-07-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	52	Contaminant:	5000
Compliance Begin:	1997-01-01	Compliance End:	2015-12-31
Violation ID:	9706748	Enforcement Date:	1997-07-01
Enforcement Action:	SIA		

System Name:	WESTFORD ELEMENTARY SCHOOL		
Violation Type:	23	Contaminant:	3100
Compliance Begin:	1998-06-01	Compliance End:	1998-08-31
Violation ID:	98006963	Enforcement Date:	Not Reported

Enforcement Action: Not Reported

Violation ID:	1050301	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/19/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1050301	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/20/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1050301	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/26/2001
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1050301	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/19/2001
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	1332504	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	09/03/2004
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	1332504	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/01/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	1332504	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	09/03/2004
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	1332504	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	10/01/2004
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	01/26/2010
Enforcement Detail:	St Other	Enforcement Category:	Informal
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	04/26/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	01/26/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	01/26/2010
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	01/26/2010
Enforcement Detail:	St Tech Assistance Visit	Enforcement Category:	Informal
Violation ID:	1332505	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	02/05/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	674897	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	04/26/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID: 915500 Orig Code: S
Enforcemnt FY: 2000 Enforcement Action: 07/01/2000
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 915500 Orig Code: S
Enforcemnt FY: 2000 Enforcement Action: 07/01/2000
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 915500 Orig Code: S
Enforcemnt FY: 2000 Enforcement Action: 07/20/2000
Enforcement Detail: St Public Notif received Enforcement Category: Informal

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1050301 Contaminant: CYANIDE
Violation type: 3 Compliance start date: 7/1/2001 0:00:00
Compliance end date: 9/30/2001 0:00:00 Enforcement date: 11/19/2001 0:00:00
Enforcement action: State Formal NOV Issued Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1050301 Contaminant: CYANIDE
Violation type: 3 Compliance start date: 7/1/2001 0:00:00
Compliance end date: 9/30/2001 0:00:00 Enforcement date: 11/19/2001 0:00:00
Enforcement action: State Public Notif Requested
Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1050301 Contaminant: CYANIDE
Violation type: 3 Compliance start date: 7/1/2001 0:00:00
Compliance end date: 9/30/2001 0:00:00 Enforcement date: 11/20/2001 0:00:00
Enforcement action: State Compliance Achieved Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1050301 Contaminant: CYANIDE
Violation type: 3 Compliance start date: 7/1/2001 0:00:00
Compliance end date: 9/30/2001 0:00:00 Enforcement date: 11/26/2001 0:00:00
Enforcement action: State Public Notif Received
Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1332504 Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 9/1/2004 0:00:00 Compliance end date: 9/30/2004 0:00:00
Enforcement date: 10/1/2004 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1332504 Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Acute (TCR)
Compliance start date: 9/1/2004 0:00:00 Compliance end date: 9/30/2004 0:00:00
Enforcement date: 10/1/2004 0:00:00 Enforcement action: State Public Notif Requested
Violation measurement: Not Reported

PWS name: WESTFORD ELEMENTARY SCHOOL
Population served: 275 PWS type code: NTNC
Violation ID: 1332504 Contaminant: COLIFORM (TCR)

Violation type:	Max Contaminant Level, Acute (TCR)		
Compliance start date:	9/1/2004 0:00:00	Compliance end date:	9/30/2004 0:00:00
Enforcement date:	9/3/2004 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	WESTFORD ELEMENTARY SCHOOL		
Population served:	275	PWS type code:	NTNC
Violation ID:	1332504	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Acute (TCR)		
Compliance start date:	9/1/2004 0:00:00	Compliance end date:	9/30/2004 0:00:00
Enforcement date:	9/3/2004 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	WESTFORD ELEMENTARY SCHOOL		
Population served:	275	PWS type code:	NTNC
Violation ID:	674897	Contaminant:	LEAD & COPPER RULE
Violation type:	Follow-up and Routine Tap Sampling		
Compliance start date:	1/1/1997 0:00:00	Compliance end date:	12/31/2025 0:00:00
Enforcement date:	7/1/1997 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	WESTFORD ELEMENTARY SCHOOL		
Population served:	275	PWS type code:	NTNC
Violation ID:	915500	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	6/30/2000 0:00:00
Enforcement date:	7/1/2000 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	WESTFORD ELEMENTARY SCHOOL		
Population served:	275	PWS type code:	NTNC
Violation ID:	915500	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	6/30/2000 0:00:00
Enforcement date:	7/1/2000 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	WESTFORD ELEMENTARY SCHOOL		
Population served:	275	PWS type code:	NTNC
Violation ID:	915500	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	4/1/2000 0:00:00	Compliance end date:	6/30/2000 0:00:00
Enforcement date:	7/20/2000 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

B10
West
0 - 1/8 Mile
Higher

VT WELLS **VT6000000037973**

Database:	Well Driller Report Database		
Well Rpt #:	8	Owner:	BIXBY
Date Completed:	1969-11-18T00:00:00.000Z	Date Received:	1970-02-02T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	498
Yield (Gal/min):	0	Static Water Level:	0
Overburden Thickness:	60	Casing Length:	64
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported

Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

C11
SE
0 - 1/8 Mile
Higher

FED USGS **USGS40001198838**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 22	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720513
Well Depth:	339	Well Depth Units:	ft
Well Hole Depth:	339	Well Hole Depth Units:	ft

C12
SSE
0 - 1/8 Mile
Higher

VT WELLS **VT6000000011317**

Database:	Well Driller Report Database		
Well Rpt #:	21	Owner:	NOEL
Date Completed:	1972-05-13T00:00:00.000Z	Date Received:	1972-07-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	339
Yield (Gal/min):	3	Static Water Level:	40
Overburden Thickness:	22	Casing Length:	28
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

C13
SSE
0 - 1/8 Mile
Higher

VT WELLS **VT6000000039093**

Database:	Well Driller Report Database		
Well Rpt #:	277	Owner:	ALLEN
Date Completed:	1988-10-18T00:00:00.000Z	Date Received:	1989-01-27T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	330
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	23	Casing Length:	30
Casing Diameter:	6	Casing Material:	Not Reported

Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Richard Stromberg		

14
WNW
0 - 1/8 Mile
Higher

VT WELLS **VT6000000042956**

Database:	Well Driller Report Database		
Well Rpt #:	21531	Owner:	Fay
Date Completed:	2003-05-19T00:00:00.000Z	Date Received:	2003-08-11T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	505
Yield (Gal/min):	20	Static Water Level:	0
Overburden Thickness:	16	Casing Length:	40
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

D15
East
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039016**

Database:	Well Driller Report Database		
Well Rpt #:	95	Owner:	CLARK
Date Completed:	1977-08-24T00:00:00.000Z	Date Received:	1977-08-29T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	412
Yield (Gal/min):	45	Static Water Level:	20
Overburden Thickness:	8	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E16
South
1/8 - 1/4 Mile
Higher

FED USGS **USGS40001198832**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 49	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740911
Well Depth:	183	Well Depth Units:	ft
Well Hole Depth:	183	Well Hole Depth Units:	ft

D17
East
1/8 - 1/4 Mile
Higher

FED USGS **USGS40001198846**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 79	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19770829
Well Depth:	412	Well Depth Units:	ft
Well Hole Depth:	412	Well Hole Depth Units:	ft

E18
South
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039065**

Database:	Well Driller Report Database		
Well Rpt #:	211	Owner:	TURNER
Date Completed:	Not Reported	Date Received:	1986-05-13T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	204
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	5	Casing Length:	21
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Calvin Rabtoy		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E19
South
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000011335**

Database:	Well Driller Report Database		
Well Rpt #:	53	Owner:	MINOR
Date Completed:	1974-09-11T00:00:00.000Z	Date Received:	1974-09-30T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	183
Yield (Gal/min):	5	Static Water Level:	50
Overburden Thickness:	31	Casing Length:	37
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

C20
SSE
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039168**

Database:	Well Driller Report Database		
Well Rpt #:	412	Owner:	INDOE
Date Completed:	1995-01-06T00:00:00.000Z	Date Received:	1995-02-21T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	360
Yield (Gal/min):	4	Static Water Level:	0
Overburden Thickness:	24	Casing Length:	28
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

E21
SSW
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039102**

Database:	Well Driller Report Database		
Well Rpt #:	286	Owner:	FLUREY
Date Completed:	1988-12-20T00:00:00.000Z	Date Received:	1989-03-06T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	117
Yield (Gal/min):	9	Static Water Level:	24
Overburden Thickness:	28	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported

Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Harry Young		

E22
SSE
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039184**

Database:	Well Driller Report Database		
Well Rpt #:	2752	Owner:	HOWRIGAN
Date Completed:	1996-07-29T00:00:00.000Z	Date Received:	1996-08-15T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	373
Yield (Gal/min):	1	Static Water Level:	40
Overburden Thickness:	17	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

F23
SW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40001198834**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 107	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790827
Well Depth:	135	Well Depth Units:	ft
Well Hole Depth:	135	Well Hole Depth Units:	ft

G24
West
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000012213**

Database:	Well Driller Report Database		
Well Rpt #:	425	Owner:	ORFEO
Date Completed:	1995-06-15T00:00:00.000Z	Date Received:	1995-08-10T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	400
Yield (Gal/min):	2	Static Water Level:	75
Overburden Thickness:	10	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Martin Rabtoy		

G25
WSW **VT WELLS** **VT6000000072767**
1/8 - 1/4 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	35230	Owner:	Dunkley
Date Completed:	2006-06-26T00:00:00.000Z	Date Received:	2006-07-12T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	485
Yield (Gal/min):	6	Static Water Level:	0
Overburden Thickness:	3	Casing Length:	40
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

G26
WSW **VT WELLS** **VT6000000039180**
1/8 - 1/4 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	437	Owner:	DUNKLEY
Date Completed:	1996-03-27T00:00:00.000Z	Date Received:	1996-04-08T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	448
Yield (Gal/min):	4	Static Water Level:	0
Overburden Thickness:	2	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H27
ESE
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000012094**

Database:	Well Driller Report Database		
Well Rpt #:	157	Owner:	KEARNS
Date Completed:	1980-12-09T00:00:00.000Z	Date Received:	1980-12-09T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	163
Yield (Gal/min):	10	Static Water Level:	0
Overburden Thickness:	23	Casing Length:	28
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

H28
ESE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40001198837**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 105	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790501
Well Depth:	175	Well Depth Units:	ft
Well Hole Depth:	175	Well Hole Depth Units:	ft

H29
ESE
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039026**

Database:	Well Driller Report Database		
Well Rpt #:	126	Owner:	WESTFORD TOWN GARAGE
Date Completed:	1979-04-30T00:00:00.000Z	Date Received:	1979-05-01T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	175
Yield (Gal/min):	10	Static Water Level:	40
Overburden Thickness:	12	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0

Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	John Spafford		

F30
WSW
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039071**

Database:	Well Driller Report Database		
Well Rpt #:	230	Owner:	WESTFORD METHODIST CHURCH
Date Completed:	1987-07-02T00:00:00.000Z	Date Received:	1988-02-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	400
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	2	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

31
East
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000039166**

Database:	Well Driller Report Database		
Well Rpt #:	410	Owner:	LEVALLE
Date Completed:	1994-11-08T00:00:00.000Z	Date Received:	1994-12-29T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	450
Yield (Gal/min):	4	Static Water Level:	0
Overburden Thickness:	14	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

32
NW
1/8 - 1/4 Mile
Lower

VT WELLS **VT6000000012161**

Database:	Well Driller Report Database		
Well Rpt #:	317	Owner:	BIRNHOLZ
Date Completed:	1987-10-01T00:00:00.000Z	Date Received:	1989-11-06T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	80
Yield (Gal/min):	0	Static Water Level:	0
Overburden Thickness:	0	Casing Length:	60
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Calvin Rabtoy		

I33
SW
1/8 - 1/4 Mile
Higher

VT WELLS **VT6000000032859**

Database:	Well Driller Report Database		
Well Rpt #:	28762	Owner:	Hoover
Date Completed:	2004-07-08T00:00:00.000Z	Date Received:	2004-12-20T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	300
Yield (Gal/min):	42	Static Water Level:	0
Overburden Thickness:	11	Casing Length:	20
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Clay/Seal Bentonite
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	2
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

J34
South
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000047878**

Database:	Well Driller Report Database		
Well Rpt #:	12787	Owner:	Pasnik
Date Completed:	2001-05-01T00:00:00.000Z	Date Received:	2001-05-21T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	515
Yield (Gal/min):	2.5	Static Water Level:	0
Overburden Thickness:	30	Casing Length:	60
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I35
SW
1/4 - 1/2 Mile
Higher | **VT WELLS** | **VT6000000012218**

Database:	Well Driller Report Database		
Well Rpt #:	430	Owner:	BARKYOUMB
Date Completed:	1995-09-28T00:00:00.000Z	Date Received:	1995-11-02T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	192
Yield (Gal/min):	5	Static Water Level:	30
Overburden Thickness:	32	Casing Length:	0
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Harry Young		

36
SSE
1/4 - 1/2 Mile
Higher | **VT WELLS** | **VT6000000039101**

Database:	Well Driller Report Database		
Well Rpt #:	285	Owner:	MOORE
Date Completed:	1989-01-19T00:00:00.000Z	Date Received:	1989-03-02T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	222
Yield (Gal/min):	5	Static Water Level:	0
Overburden Thickness:	53	Casing Length:	58
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

K37
NW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40001198862**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 11	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19691121
Well Depth:	348	Well Depth Units:	ft
Well Hole Depth:	348	Well Hole Depth Units:	ft

38
North
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000071555**

Database:	Well Driller Report Database		
Well Rpt #:	34446	Owner:	Birnhoiltz
Date Completed:	2005-09-05T00:00:00.000Z	Date Received:	2005-10-11T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	245
Yield (Gal/min):	12	Static Water Level:	0
Overburden Thickness:	33	Casing Length:	40
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	60	Liner Diameter:	4
Liner Material:	Plastic (AB, PVC)	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	10	Hydrofractured:	N
Seal Type:	packer	Yield Tested:	1
Driller License #:	Thomas Williams		

K39
NW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000012078**

Database:	Well Driller Report Database		
Well Rpt #:	108	Owner:	Highland Builders
Date Completed:	1978-02-21T00:00:00.000Z	Date Received:	1978-05-18T00:00:00.000Z
Purchaser:	HIGHLAND BUILDERS	Well Depth:	322
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	2	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

L40
WSW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000012066**

Database:	Well Driller Report Database		
Well Rpt #:	82	Owner:	FOSTER
Date Completed:	1975-12-04T00:00:00.000Z	Date Received:	1975-12-10T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	499
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	18	Casing Length:	23
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

J41
South
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000028960**

Database:	Well Driller Report Database		
Well Rpt #:	21668	Owner:	Lawrence
Date Completed:	2002-09-11T00:00:00.000Z	Date Received:	2002-11-05T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	350
Yield (Gal/min):	4.5	Static Water Level:	0
Overburden Thickness:	55	Casing Length:	60
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	150	Liner Diameter:	4
Liner Material:	Plastic (AB, PVC)	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	10	Hydrofractured:	N
Seal Type:	packer	Yield Tested:	1
Driller License #:	Thomas Williams		

L42
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40001198827**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 72	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19751204
Well Depth:	499	Well Depth Units:	ft
Well Hole Depth:	499	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K43
WNW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000012136**

Database:	Well Driller Report Database		
Well Rpt #:	250	Owner:	VAN TUKOVICH
Date Completed:	1987-06-03T00:00:00.000Z	Date Received:	1988-11-30T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	599
Yield (Gal/min):	0	Static Water Level:	0
Overburden Thickness:	58	Casing Length:	69
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

M44
WNW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000012170**

Database:	Well Driller Report Database		
Well Rpt #:	326	Owner:	KARR
Date Completed:	1990-07-26T00:00:00.000Z	Date Received:	1990-08-21T00:00:00.000Z
Purchaser:	EASTERN DEVELOPMENT CORP.	Well Depth:	302
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	54	Casing Length:	55
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

N45
South
1/4 - 1/2 Mile
Higher

FED USGS **USGS40001198815**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 50	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19740912
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

K46
NW **VT WELLS** **VT6000000075723**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	45037	Owner:	Barrows
Date Completed:	2009-09-29T00:00:00.000Z	Date Received:	2009-11-10T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	620
Yield (Gal/min):	.5	Static Water Level:	0
Overburden Thickness:	0	Casing Length:	0
Casing Diameter:	0	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	Y
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

K47
NW **FED USGS** **USGS40001198865**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 12	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19691118
Well Depth:	498	Well Depth Units:	ft
Well Hole Depth:	498	Well Hole Depth Units:	ft

48
ESE **VT WELLS** **VT6000000012082**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	113	Owner:	WEEMS
Date Completed:	1978-07-24T00:00:00.000Z	Date Received:	1978-08-07T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	153
Yield (Gal/min):	7	Static Water Level:	0
Overburden Thickness:	14	Casing Length:	17
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported

Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

O49
SW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000012185**

Database:	Well Driller Report Database		
Well Rpt #:	369	Owner:	FRIEDMAN
Date Completed:	1991-08-15T00:00:00.000Z	Date Received:	1992-08-06T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	225
Yield (Gal/min):	10	Static Water Level:	0
Overburden Thickness:	4	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

M50
WNW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000105213**

Database:	Well Driller Report Database		
Well Rpt #:	52225	Owner:	Hutchins
Date Completed:	2015-10-02T00:00:00.000Z	Date Received:	2015-11-13T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	620
Yield (Gal/min):	0	Static Water Level:	Not Reported
Overburden Thickness:	15	Casing Length:	21
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Neat Cement
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	bedrock	Casing Exposed Length:	18
Depth to Liner Top:	Not Reported	Hydrofractured:	Y
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

51
NNE
1/4 - 1/2 Mile
Lower

VT WELLS **VT6000000039162**

Database:	Well Driller Report Database		
Well Rpt #:	394	Owner:	BISSON
Date Completed:	1993-09-22T00:00:00.000Z	Date Received:	1994-01-05T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	250
Yield (Gal/min):	40	Static Water Level:	0
Overburden Thickness:	70	Casing Length:	80
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

52
South
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000058243**

Database:	Well Driller Report Database		
Well Rpt #:	41884	Owner:	Turner
Date Completed:	2009-12-03T00:00:00.000Z	Date Received:	2009-12-14T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	240
Yield (Gal/min):	12	Static Water Level:	20
Overburden Thickness:	17	Casing Length:	22
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	2
Driller License #:	Robert Gordon		

P53
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS40001198842**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 78	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19770726
Well Depth:	303	Well Depth Units:	ft
Well Hole Depth:	303	Well Hole Depth Units:	ft

N54
SSE **VT WELLS** **VT6000000011336**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	54	Owner:	MINOR
Date Completed:	1974-09-12T00:00:00.000Z	Date Received:	1974-09-30T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	100
Yield (Gal/min):	10	Static Water Level:	27
Overburden Thickness:	4	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

O55
SSW **VT WELLS** **VT6000000012222**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	3684	Owner:	BRACE
Date Completed:	1997-06-05T00:00:00.000Z	Date Received:	1997-07-15T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	300
Yield (Gal/min):	4	Static Water Level:	20
Overburden Thickness:	2	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Robert Frost		

Q56
ENE **FED USGS** **USGS40001198855**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 16	Type:	Well

Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710623
Well Depth:	302	Well Depth Units:	ft
Well Hole Depth:	302	Well Hole Depth Units:	ft

Q57
ENE
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000037978**

Database:	Well Driller Report Database		
Well Rpt #:	13	Owner:	DAVIS
Date Completed:	1971-06-23T00:00:00.000Z	Date Received:	1971-09-29T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	302
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	9	Casing Length:	14
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

P58
East
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000037975**

Database:	Well Driller Report Database		
Well Rpt #:	10	Owner:	MYERS
Date Completed:	1971-03-23T00:00:00.000Z	Date Received:	1971-05-06T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	450
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	19	Casing Length:	24
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

59
East
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000040423**

Database:	Well Driller Report Database		
Well Rpt #:	6625	Owner:	Ross
Date Completed:	1998-06-03T00:00:00.000Z	Date Received:	1998-08-04T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	380
Yield (Gal/min):	2	Static Water Level:	20
Overburden Thickness:	10	Casing Length:	22
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Martin Rabtoy		

R60
NNW
1/4 - 1/2 Mile
Lower

VT WELLS **VT6000000039037**

Database:	Well Driller Report Database		
Well Rpt #:	155	Owner:	FORSEY
Date Completed:	1980-08-13T00:00:00.000Z	Date Received:	1980-08-14T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	127
Yield (Gal/min):	6	Static Water Level:	0
Overburden Thickness:	87	Casing Length:	94
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

S61
South
1/4 - 1/2 Mile
Higher

FED USGS **USGS40001198806**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 43	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19730308
Well Depth:	330	Well Depth Units:	ft
Well Hole Depth:	330	Well Hole Depth Units:	ft

62
NE
1/4 - 1/2 Mile
Lower

VT WELLS **VT6000000012085**

Database:	Well Driller Report Database		
Well Rpt #:	130	Owner:	HERMAN
Date Completed:	1979-08-16T00:00:00.000Z	Date Received:	1979-08-27T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	437
Yield (Gal/min):	4	Static Water Level:	12
Overburden Thickness:	15	Casing Length:	21
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Calvin Rabtoy		

63
South
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000039175**

Database:	Well Driller Report Database		
Well Rpt #:	419	Owner:	LAVALLEE
Date Completed:	1995-05-17T00:00:00.000Z	Date Received:	1995-06-21T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	460
Yield (Gal/min):	2	Static Water Level:	100
Overburden Thickness:	8	Casing Length:	21
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Martin Rabtoy		

R64
NNW
1/4 - 1/2 Mile
Higher

VT WELLS **VT6000000039035**

Database:	Well Driller Report Database		
Well Rpt #:	152	Owner:	KEENER
Date Completed:	1980-06-11T00:00:00.000Z	Date Received:	1980-06-12T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	257
Yield (Gal/min):	10	Static Water Level:	30
Overburden Thickness:	25	Casing Length:	31
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

65
NW **VT WELLS** **VT6000000104642**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	50163	Owner:	Maccomber
Date Completed:	2014-09-24T00:00:00.000Z	Date Received:	2014-11-13T00:00:00.000Z
Purchaser:	Brown	Well Depth:	625
Yield (Gal/min):	2	Static Water Level:	Not Reported
Overburden Thickness:	12	Casing Length:	38
Casing Diameter:	7	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	18
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

S66
South **VT WELLS** **VT6000000039039**
1/4 - 1/2 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	170	Owner:	LAVALLEY
Date Completed:	1981-11-12T00:00:00.000Z	Date Received:	1982-01-06T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	223
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	108	Casing Length:	114
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

67
SSE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012107**

Database:	Well Driller Report Database		
Well Rpt #:	184	Owner:	RAYMOND
Date Completed:	1983-08-25T00:00:00.000Z	Date Received:	1983-09-16T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	198
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	28	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

68
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198885**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 96	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19781010
Well Depth:	137	Well Depth Units:	ft
Well Hole Depth:	137	Well Hole Depth Units:	ft

69
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012120**

Database:	Well Driller Report Database		
Well Rpt #:	217	Owner:	FITZGERALD
Date Completed:	1986-09-27T00:00:00.000Z	Date Received:	1986-11-13T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	225
Yield (Gal/min):	20	Static Water Level:	0
Overburden Thickness:	14	Casing Length:	25
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0

Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

70
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012123**

Database:	Well Driller Report Database		
Well Rpt #:	221	Owner:	HOEPPNER
Date Completed:	1987-03-12T00:00:00.000Z	Date Received:	1987-04-24T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	202
Yield (Gal/min):	7	Static Water Level:	0
Overburden Thickness:	31	Casing Length:	35
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

71
North
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039004**

Database:	Well Driller Report Database		
Well Rpt #:	69	Owner:	GRAVELLE
Date Completed:	1975-08-26T00:00:00.000Z	Date Received:	1975-12-18T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	352
Yield (Gal/min):	12	Static Water Level:	0
Overburden Thickness:	143	Casing Length:	17
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

T72
ESE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012138**

Database:	Well Driller Report Database		
Well Rpt #:	266	Owner:	SANTAW
Date Completed:	1988-02-04T00:00:00.000Z	Date Received:	1988-12-23T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	247
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	30	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

73
SW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039081**

Database:	Well Driller Report Database		
Well Rpt #:	253	Owner:	ASHLEY
Date Completed:	1988-10-04T00:00:00.000Z	Date Received:	1988-11-18T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	263
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	14	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

T74
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012149**

Database:	Well Driller Report Database		
Well Rpt #:	291	Owner:	SHEPARDSON
Date Completed:	1989-05-11T00:00:00.000Z	Date Received:	1989-10-19T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	320
Yield (Gal/min):	5	Static Water Level:	0
Overburden Thickness:	40	Casing Length:	51
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U75
ENE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012076**

Database:	Well Driller Report Database		
Well Rpt #:	106	Owner:	GROW
Date Completed:	1977-10-20T00:00:00.000Z	Date Received:	1978-01-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	330
Yield (Gal/min):	8	Static Water Level:	29
Overburden Thickness:	101	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Edward Feeley		

76
NNE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000073571**

Database:	Well Driller Report Database		
Well Rpt #:	46544	Owner:	Ducharme
Date Completed:	2007-06-28T00:00:00.000Z	Date Received:	2007-07-06T00:00:00.000Z
Purchaser:	Hinshaw (contractor)	Well Depth:	420
Yield (Gal/min):	3.5	Static Water Level:	0
Overburden Thickness:	15	Casing Length:	20
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Clay/Seal Bentonite
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

77
ENE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039092**

Database:	Well Driller Report Database		
Well Rpt #:	264	Owner:	WHEELER
Date Completed:	1987-08-11T00:00:00.000Z	Date Received:	1988-12-23T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	299
Yield (Gal/min):	8	Static Water Level:	0
Overburden Thickness:	26	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported

Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

78
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198897**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 10	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19690912
Well Depth:	222	Well Depth Units:	ft
Well Hole Depth:	222	Well Hole Depth Units:	ft

79
West
1/2 - 1 Mile
Higher

VT WELLS **VT6000000102654**

Database:	Well Driller Report Database		
Well Rpt #:	49175	Owner:	Vigil
Date Completed:	2014-04-11T00:00:00.000Z	Date Received:	2014-05-01T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	420
Yield (Gal/min):	2	Static Water Level:	40
Overburden Thickness:	31	Casing Length:	62
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Type III Portland Cement
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	18
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

U80
ENE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012166**

Database:	Well Driller Report Database		
Well Rpt #:	322	Owner:	CLEBORNE
Date Completed:	1990-05-09T00:00:00.000Z	Date Received:	1990-06-04T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	522
Yield (Gal/min):	20	Static Water Level:	0
Overburden Thickness:	14	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

81
NNW **VT WELLS** **VT6000000039143**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	363	Owner:	JORSCHICK
Date Completed:	1991-12-19T00:00:00.000Z	Date Received:	1992-04-03T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	480
Yield (Gal/min):	15	Static Water Level:	0
Overburden Thickness:	79	Casing Length:	85
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

82
NNE **VT WELLS** **VT6000000012112**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	189	Owner:	C & C Construction
Date Completed:	1983-07-13T00:00:00.000Z	Date Received:	1983-12-23T00:00:00.000Z
Purchaser:	C & C CONSTRUCTION	Well Depth:	300
Yield (Gal/min):	0	Static Water Level:	0
Overburden Thickness:	13	Casing Length:	21
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Larry Cooke		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V83
North
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039054**

Database:	Well Driller Report Database		
Well Rpt #:	199	Owner:	RODGERS
Date Completed:	1984-12-28T00:00:00.000Z	Date Received:	1984-12-28T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	225
Yield (Gal/min):	6	Static Water Level:	0
Overburden Thickness:	9	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

V84
North
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012129**

Database:	Well Driller Report Database		
Well Rpt #:	242	Owner:	BOURDEAU
Date Completed:	1988-03-24T00:00:00.000Z	Date Received:	1988-05-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	226
Yield (Gal/min):	4	Static Water Level:	0
Overburden Thickness:	62	Casing Length:	64
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

85
WNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039033**

Database:	Well Driller Report Database		
Well Rpt #:	150	Owner:	STYGLES
Date Completed:	1980-09-12T00:00:00.000Z	Date Received:	1980-09-12T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	305
Yield (Gal/min):	3	Static Water Level:	5
Overburden Thickness:	5	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported

Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Edward Feeley		

86
NNW **VT WELLS** **VT6000000011316**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	6	Owner:	LAMERE
Date Completed:	1969-09-12T00:00:00.000Z	Date Received:	1969-10-07T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	222
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	30	Casing Length:	35
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

87
NNE **VT WELLS** **VT6000000025592**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	18342	Owner:	Fick
Date Completed:	2001-10-04T00:00:00.000Z	Date Received:	2002-01-10T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	405
Yield (Gal/min):	7	Static Water Level:	0
Overburden Thickness:	22	Casing Length:	40
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

88
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039113**

Database:	Well Driller Report Database		
Well Rpt #:	309	Owner:	O'CONNOR
Date Completed:	1989-08-30T00:00:00.000Z	Date Received:	1990-02-08T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	200
Yield (Gal/min):	15	Static Water Level:	0
Overburden Thickness:	22	Casing Length:	50
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

89
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039176**

Database:	Well Driller Report Database		
Well Rpt #:	420	Owner:	LEGGET
Date Completed:	1994-09-09T00:00:00.000Z	Date Received:	1995-07-03T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	240
Yield (Gal/min):	8	Static Water Level:	20
Overburden Thickness:	68	Casing Length:	80
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Clyde (Jack) Frost		

W90
SSW
1/2 - 1 Mile
Higher

VT WELLS **VTPUB1000000383**

Database:	Vermont Public Drinking Water Sources		
System Name:	WESTFORD ELEMENTARY SCHOOL	System Type:	Non-Transient Non-Community
System Status:	Active	Facility ID:	WL002
Facility Name:	OLD WELL	Facility Status:	Active
Availability:	Permanent	Water Type:	Groundwater
Date Constructed:	Not Reported	Well Type:	Drilled
Diameter (in):	6	Well Depth:	324 FT

Casing Depth: Not Reported Static Water Level: 25 FT

V91
North
1/2 - 1 Mile
Higher

FED USGS **USGS40001198917**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 64	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750826
Well Depth:	352	Well Depth Units:	ft
Well Hole Depth:	352	Well Hole Depth Units:	ft

92
NW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039084**

Database:	Well Driller Report Database		
Well Rpt #:	256	Owner:	STAAB
Date Completed:	1988-08-01T00:00:00.000Z	Date Received:	1988-11-08T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	302
Yield (Gal/min):	3	Static Water Level:	21
Overburden Thickness:	6	Casing Length:	22
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Calvin Rabtoy		

93
SSE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000037982**

Database:	Well Driller Report Database		
Well Rpt #:	17	Owner:	PELOQUIN
Date Completed:	1969-06-21T00:00:00.000Z	Date Received:	1969-07-07T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	502
Yield (Gal/min):	1	Static Water Level:	6
Overburden Thickness:	14	Casing Length:	23
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported

Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

94
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198911**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 60	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19750606
Well Depth:	137	Well Depth Units:	ft
Well Hole Depth:	137	Well Hole Depth Units:	ft

W95
SW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012190**

Database:	Well Driller Report Database		
Well Rpt #:	374	Owner:	WESTFORD ELEMENTARY SCHOOL
Date Completed:	1992-11-03T00:00:00.000Z	Date Received:	1992-11-20T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	527
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	24	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

W96
SSW
1/2 - 1 Mile
Higher

VT WELLS **VTPUB1000000382**

Database:	Vermont Public Drinking Water Sources		
System Name:	WESTFORD ELEMENTARY SCHOOL	System Type:	Non-Transient Non-Community
System Status:	Active	Facility ID:	WL001
Facility Name:	NEW WELL	Facility Status:	Active
Availability:	Permanent	Water Type:	Groundwater
Date Constructed:	Not Reported	Well Type:	Drilled
Diameter (in):	6	Well Depth:	527 FT

Casing Depth: 40 FT Static Water Level: Not Reported

97
South
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039072**

Database:	Well Driller Report Database		
Well Rpt #:	231	Owner:	RIVERS
Date Completed:	1987-10-22T00:00:00.000Z	Date Received:	1988-02-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	250
Yield (Gal/min):	30	Static Water Level:	0
Overburden Thickness:	31	Casing Length:	48
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

98
ENE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012100**

Database:	Well Driller Report Database		
Well Rpt #:	163	Owner:	EDWARDS
Date Completed:	1981-07-14T00:00:00.000Z	Date Received:	1981-09-17T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	223
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	4	Casing Length:	23
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

X99
ESE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039075**

Database:	Well Driller Report Database		
Well Rpt #:	234	Owner:	LAVALLEE
Date Completed:	1987-12-21T00:00:00.000Z	Date Received:	1988-02-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	350
Yield (Gal/min):	2	Static Water Level:	0

Overburden Thickness:	57	Casing Length:	67
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

100
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198914**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 18 B	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19691027
Well Depth:	110	Well Depth Units:	ft
Well Hole Depth:	110	Well Hole Depth Units:	ft

101
WNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000049262**

Database:	Well Driller Report Database		
Well Rpt #:	18373	Owner:	Liberty
Date Completed:	2001-12-11T00:00:00.000Z	Date Received:	2002-01-10T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	530
Yield (Gal/min):	.5	Static Water Level:	10
Overburden Thickness:	56	Casing Length:	57
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Thomas Williams		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X102
ESE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039073**

Database:	Well Driller Report Database		
Well Rpt #:	232	Owner:	ROY
Date Completed:	1987-12-22T00:00:00.000Z	Date Received:	1988-02-25T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	385
Yield (Gal/min):	8	Static Water Level:	0
Overburden Thickness:	8	Casing Length:	45
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

103
NNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039066**

Database:	Well Driller Report Database		
Well Rpt #:	225	Owner:	FORSLY
Date Completed:	1987-07-15T00:00:00.000Z	Date Received:	1987-10-09T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	277
Yield (Gal/min):	10	Static Water Level:	0
Overburden Thickness:	60	Casing Length:	62
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

104
NW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012183**

Database:	Well Driller Report Database		
Well Rpt #:	353	Owner:	LANE
Date Completed:	1991-08-23T00:00:00.000Z	Date Received:	1991-10-10T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	390
Yield (Gal/min):	10	Static Water Level:	0
Overburden Thickness:	11	Casing Length:	43
Casing Diameter:	6	Casing Material:	Not Reported

Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

105
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198894**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 17	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19680225
Well Depth:	305	Well Depth Units:	ft
Well Hole Depth:	305	Well Hole Depth Units:	ft

106
NW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000037979**

Database:	Well Driller Report Database		
Well Rpt #:	14	Owner:	DEGRAFF
Date Completed:	1968-02-25T00:00:00.000Z	Date Received:	1968-06-14T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	305
Yield (Gal/min):	1	Static Water Level:	5
Overburden Thickness:	3	Casing Length:	10
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	E Benedini Artesian Well Co		

107
North
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012206**

Database:	Well Driller Report Database		
Well Rpt #:	404	Owner:	LEFEBVRE
Date Completed:	1994-06-22T00:00:00.000Z	Date Received:	1994-07-08T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	220
Yield (Gal/min):	6	Static Water Level:	0
Overburden Thickness:	35	Casing Length:	38
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

Y108
NE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000102559**

Database:	Well Driller Report Database		
Well Rpt #:	49227	Owner:	Herganrother
Date Completed:	2013-12-13T00:00:00.000Z	Date Received:	2014-02-12T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	420
Yield (Gal/min):	5	Static Water Level:	Not Reported
Overburden Thickness:	22	Casing Length:	40
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Neat Cement
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	20
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

Z109
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40001198918**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 8	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19690103
Well Depth:	592	Well Depth Units:	ft
Well Hole Depth:	592	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA110
NNE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000011332**

Database:	Well Driller Report Database		
Well Rpt #:	50	Owner:	PEASE
Date Completed:	1974-07-03T00:00:00.000Z	Date Received:	1974-07-24T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	123
Yield (Gal/min):	7	Static Water Level:	0
Overburden Thickness:	4	Casing Length:	7
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

AB111
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40001198869**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 87	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19771020
Well Depth:	330	Well Depth Units:	ft
Well Hole Depth:	330	Well Hole Depth Units:	ft

AA112
NNE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012197**

Database:	Well Driller Report Database		
Well Rpt #:	395	Owner:	T & M CONSTRUCTION
Date Completed:	1993-12-17T00:00:00.000Z	Date Received:	1994-01-12T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	280
Yield (Gal/min):	5	Static Water Level:	30
Overburden Thickness:	50	Casing Length:	56
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0

Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Martin Rabtoy		

Y113
NE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000102084**

Database:	Well Driller Report Database		
Well Rpt #:	48579	Owner:	Martell
Date Completed:	2013-09-11T00:00:00.000Z	Date Received:	2013-10-28T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	180
Yield (Gal/min):	12	Static Water Level:	15
Overburden Thickness:	96	Casing Length:	100
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	20
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Robert Gordon		

114
South
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039020**

Database:	Well Driller Report Database		
Well Rpt #:	118	Owner:	POULIOT
Date Completed:	1978-12-01T00:00:00.000Z	Date Received:	1978-12-03T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	375
Yield (Gal/min):	12	Static Water Level:	30
Overburden Thickness:	21	Casing Length:	28
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

AC115
ESE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000011319**

Database:	Well Driller Report Database		
Well Rpt #:	23	Owner:	SMILEY
Date Completed:	1972-06-01T00:00:00.000Z	Date Received:	1972-11-03T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	395
Yield (Gal/min):	22	Static Water Level:	75
Overburden Thickness:	7	Casing Length:	12
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Keith Morgan		

116
NNE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012090**

Database:	Well Driller Report Database		
Well Rpt #:	136	Owner:	BOUFFARD
Date Completed:	1979-07-02T00:00:00.000Z	Date Received:	1979-10-01T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	363
Yield (Gal/min):	2	Static Water Level:	15
Overburden Thickness:	9	Casing Length:	20
Casing Diameter:	19	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

AC117
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001198829**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 21	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19711116
Well Depth:	249	Well Depth Units:	ft
Well Hole Depth:	249	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC118
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001198830**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 24	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19721006
Well Depth:	395	Well Depth Units:	ft
Well Hole Depth:	395	Well Hole Depth Units:	ft

Z119
NNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000037980**

Database:	Well Driller Report Database		
Well Rpt #:	15	Owner:	GUTHRAGE
Date Completed:	1969-10-27T00:00:00.000Z	Date Received:	1969-11-28T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	110
Yield (Gal/min):	12	Static Water Level:	0
Overburden Thickness:	2	Casing Length:	9
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

120
NE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012211**

Database:	Well Driller Report Database		
Well Rpt #:	423	Owner:	LETOURNEY
Date Completed:	1995-02-21T00:00:00.000Z	Date Received:	1995-07-17T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	475
Yield (Gal/min):	5	Static Water Level:	0
Overburden Thickness:	0	Casing Length:	40
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0

Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Thomas Williams		

AB121
ENE **VT WELLS** **VT6000000039025**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	124	Owner:	Kuzins Construction
Date Completed:	1979-05-09T00:00:00.000Z	Date Received:	1979-05-25T00:00:00.000Z
Purchaser:	KUZINS CONSTRUCTION	Well Depth:	197
Yield (Gal/min):	8	Static Water Level:	0
Overburden Thickness:	107	Casing Length:	107
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

122
North **VT WELLS** **VT6000000039144**
1/2 - 1 Mile
Lower

Database:	Well Driller Report Database		
Well Rpt #:	364	Owner:	BOUFFARD
Date Completed:	1992-02-10T00:00:00.000Z	Date Received:	1992-04-03T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	300
Yield (Gal/min):	3	Static Water Level:	0
Overburden Thickness:	4	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

123
NW **VT WELLS** **VT6000000057924**
1/2 - 1 Mile
Higher

Database:	Well Driller Report Database		
Well Rpt #:	46706	Owner:	True North Constuction Company
Date Completed:	2007-06-12T00:00:00.000Z	Date Received:	2009-06-29T00:00:00.000Z

Purchaser:	Not Reported	Well Depth:	277
Yield (Gal/min):	11	Static Water Level:	Not Reported
Overburden Thickness:	38	Casing Length:	43
Casing Diameter:	6	Casing Material:	Steel
Liner Length:	Not Reported	Liner Diameter:	Not Reported
Liner Material:	Not Reported	Grout Type:	Clay/Seal Bentonite
Diameter Drilled:	Not Reported	Depth Drilled:	Not Reported
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	1.5
Depth to Liner Top:	Not Reported	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	David Chevalier		

124
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40001198762**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 9	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19690428
Well Depth:	152	Well Depth Units:	ft
Well Hole Depth:	152	Well Hole Depth Units:	ft

125
NNE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039121**

Database:	Well Driller Report Database		
Well Rpt #:	329	Owner:	COUTURE
Date Completed:	1990-07-31T00:00:00.000Z	Date Received:	1990-10-03T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	224
Yield (Gal/min):	4	Static Water Level:	0
Overburden Thickness:	8	Casing Length:	36
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	H A Manosh Corporation		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

126
ESE
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012096**

Database:	Well Driller Report Database		
Well Rpt #:	159	Owner:	HEMOND JR.
Date Completed:	1980-11-19T00:00:00.000Z	Date Received:	1980-11-20T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	127
Yield (Gal/min):	5	Static Water Level:	0
Overburden Thickness:	15	Casing Length:	20
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

AC127
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40001198822**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 18 A	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19690628
Well Depth:	402	Well Depth Units:	ft
Well Hole Depth:	402	Well Hole Depth Units:	ft

AC128
East
1/2 - 1 Mile
Higher

FED USGS **USGS40001198826**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 113	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790814
Well Depth:	298	Well Depth Units:	ft
Well Hole Depth:	298	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC129
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000049925**

Database:	Well Driller Report Database		
Well Rpt #:	21634	Owner:	Cummings
Date Completed:	2002-06-11T00:00:00.000Z	Date Received:	2002-07-16T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	525
Yield (Gal/min):	1.75	Static Water Level:	0
Overburden Thickness:	0	Casing Length:	0
Casing Diameter:	0	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Bedrock	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	1
Driller License #:	Not Reported		

130
East
1/2 - 1 Mile
Higher

VT WELLS **VT6000000037981**

Database:	Well Driller Report Database		
Well Rpt #:	16	Owner:	POULIOT
Date Completed:	1969-06-28T00:00:00.000Z	Date Received:	1969-07-28T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	402
Yield (Gal/min):	1	Static Water Level:	7
Overburden Thickness:	4	Casing Length:	18
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

131
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40001198922**

Organization ID:	USGS-NH		
Organization Name:	USGS New Hampshire Water Science Center		
Monitor Location:	VT-WQW 46	Type:	Well
Description:	Not Reported	HUC:	02010005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	19740703
Well Depth:	123	Well Depth Units:	ft
Well Hole Depth:	123	Well Hole Depth Units:	ft

132
NNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039156**

Database:	Well Driller Report Database		
Well Rpt #:	388	Owner:	SAMANCI
Date Completed:	1993-04-30T00:00:00.000Z	Date Received:	1993-09-22T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	300
Yield (Gal/min):	4	Static Water Level:	25
Overburden Thickness:	2	Casing Length:	22
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Martin Rabtoy		

133
West
1/2 - 1 Mile
Higher

VT WELLS **VT6000000039050**

Database:	Well Driller Report Database		
Well Rpt #:	181	Owner:	MORRISON
Date Completed:	1983-08-13T00:00:00.000Z	Date Received:	1983-08-13T00:00:00.000Z
Purchaser:	Not Reported	Well Depth:	567
Yield (Gal/min):	1	Static Water Level:	0
Overburden Thickness:	13	Casing Length:	17
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

134
NNW
1/2 - 1 Mile
Higher

VT WELLS **VT6000000012202**

Database:	Well Driller Report Database		
Well Rpt #:	400	Owner:	Chaffee
Date Completed:	1994-01-03T00:00:00.000Z	Date Received:	1994-02-03T00:00:00.000Z

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Purchaser:	CHAFFEE	Well Depth:	340
Yield (Gal/min):	2	Static Water Level:	0
Overburden Thickness:	35	Casing Length:	42
Casing Diameter:	6	Casing Material:	Not Reported
Liner Length:	0	Liner Diameter:	0
Liner Material:	Not Reported	Grout Type:	Not Reported
Diameter Drilled:	0	Depth Drilled:	0
Screen Make:	Not Reported	Screen Material:	Not Reported
Water Analysis:	N	Well Screen:	N
Well Type:	Not Reported	Casing Exposed Length:	0
Depth to Liner Top:	0	Hydrofractured:	N
Seal Type:	Not Reported	Yield Tested:	0
Driller License #:	Chevalier Drilling Company Inc		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: VT Radon

Radon Test Results

City	# Tests	Avg Result	Std Dev	Min	Max
UNDERHILL	148	1.4	1.9	0.1	15.0
BURLINGTON	561	1.3	1.7	0.0	23.1
CAMBRIDGE	92	1.5	2.5	0.1	20.9
CHARLOTTE	136	1.7	1.9	0.1	10.3
COLCHESTER	430	1.7	2.6	0.1	34.6
ESSEX	636	1.8	2.9	0.1	44.8
FAIRFAX	151	1.0	1.5	0.1	11.5
FLETCHER	8	0.8	0.9	0.3	2.9
GEORGIA	41	1.1	1.0	0.2	4.3
HUNTINGTON	81	1.8	1.8	0.1	9.7
JERICHO	210	1.5	1.8	0.1	11.2
MILTON	252	2.0	7.8	0.1	120.0
RICHMOND	169	1.9	2.2	0.2	15.9
SHELBURNE	211	2.2	2.7	0.1	20.3
SOUTH BURLINGTON	480	2.1	4.7	0.1	56.7
ST. GEORGE	14	1.0	0.4	0.4	1.8
WESTFORD	58	1.0	1.0	0.1	5.7
WILLISTON	326	1.9	2.7	0.0	21.4
WINOOSKI	89	1.0	1.3	0.1	8.5

Federal EPA Radon Zone for CHITTENDEN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 05494

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: VT Center for Geographic Information
Telephone: 802-882-3001

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Vermont Public Drinking Water Sources
Source: ANR, Water Supply Division
Telephone: 802-241-3406

Well Driller Report Database
Source: Dept of Environmental Conservation, Water Resource
Telephone: 802-585-4907
Private wells in this layer come from the Department of Environmental Conservation's Water Supply Data Composite. Managed by the Water Supply Division's Well Driller and Well Location Program, the database contains private well information submitted by Vermont licensed well drillers.

OTHER STATE DATABASE INFORMATION

RADON

State Database: VT Radon
Source: Department of Health
Telephone: 802-865-7200
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

APPENDIX G

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Supplemental Sampling Report

Westford Market
1691 RT 128
Westford, Vermont

SMS SITE #2015-4598

Prepared for:

Kevin and Suzanne Kearns
171 Covey Road
Westford, Vermont

July 7, 2017

Prepared by

MOUNTAIN VIEW ENVIRONMENTAL SERVICES
140 Old Stage Road
Essex Junction, VT 05452
(802) 288-9600

Approved by:

John Diego
Principal

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1. Site Location Map
2. Site Plan
3. Supply Well Location Map

Appendices

1. Laboratory Reports

EXECUTIVE SUMMARY

Mountain View Environmental Services (MVES) has completed an additional round of water supply and groundwater monitoring at the former Westford Market located at 1691 RT 128 in Westford, Vermont (the site). This additional round of sampling and analysis follows an Initial Site Investigation that was initiated due to field screenings and observed evidence of petroleum contamination during the closure of three gasoline underground storage tanks (USTs) at the Site.

The tasks completed during this collection of a groundwater sample from one monitor well, collection of three water supply wells all analyzed for volatile organic compounds and the preparation of this report.

The subject property has operated as a food market since 1838. The market sold gasoline starting sometime in the early 1900's ceased selling gasoline when the store closed in 2013. The geology is comprised of glacial till over bedrock. Review of driller's logs of area wells shows the depth to bedrock between 22 and 40 feet below ground surface. The subject property is located on a knob and the ground surface slopes radially away from the site.

Soils on the site are comprised of fine to medium brown sand fill in the area of the former tanks and silt and clay (till) over soft blue/gray clay. Evidence of petroleum contamination was encountered during soil boring installation through observation or PID soil screening on the Westford Market property. No indication of petroleum contamination was noted across RT 128. Only well, MW-1 contained water sufficient for purging and sampling. Analysis shows the monitor well water did not detect any volatile organic compounds above the method reporting limits for the compounds tested.

Methyl tert-butyl ether was detected in three water supply wells including the on-site store well, the adjoining property to the east and the property to the north of the site. A fourth water supply further to the north was not sampled as MVES did not receive permission to sample the well.

Based on the results and conclusions of this additional sampling round, MVES recommends sampling the supply wells that previously showed levels of MTBE above the method reporting limit on an annual basis and closing the monitor wells.

1.0 INTRODUCTION AND BACKGROUND

Mountain View Environmental Services (MVES) has prepared this report to present the results of the additional sampling of one groundwater monitor well and three water supply wells proximate to the former Westford Market located at 1691 RT 128 in Westford, Vermont (the site). This additional sampling and analysis was completed following a request from the Vermont Department of Environmental Conservation (VTDEC) Waste Management and Prevention Division (WM&PD). A site location map is provided as *Figure 1* and a site plan is included as *Figure 2*.

1.1. Site Location and Setting

The subject property, Westford Market, is located at 1691 RT 128 in the center of Westford opposite the Town Common. The parcel includes the building footprint and a gravel parking area on the southwest corner of the property. The building is two stories and includes the store on the first floor and an apartment on the second floor. There is a basement beneath the store. The building is currently unoccupied. The ground elevation is at 461 feet above mean sea level (msl) with geographic coordinates 44° 36' 42.78" N and 73° 00"31.67" W. The Browns River flows north, just west of the property and has a water elevation of approximately of 420 feet msl.

The geology is comprised of glacial till over bedrock. Review of driller's logs of area wells shows the depth to bedrock between 22 and 40 feet below ground surface. The subject property is located on a knob and the ground surface slopes radially away from the site.

1.2 Site History

The subject property has operated as a food market since 1838. The Market sold gasoline starting sometime in the early 1900's and ceased selling gasoline when the store closed in 2013. It is believed that the earlier underground storage tanks were owned by Mobil Oil Company. A subsequent set of tanks were installed in the early 1970's and owned by Robinson Fuels Inc. These tanks were removed in 1991. The Robinson tanks were replaced by a 2,000 gallon double walled tank owned by the current property owners. The store closed in 2013 and the 2,000 gallon tank was removed in 2015. Assessments completed during the recent tank closures indicates a release of petroleum has occurred requiring this site investigation.

1.3 Land Use and Adjacent Property Ownership

The property has been a store for approximately 175 years. The building footprint has not changed other than the front porch was enclosed during the previous ownership. Adjacent properties include the Swanson residence to the east of the store, a brick meeting house to the south, the Morris residence to the north and the Town Common to the west. The nearest crossroad is the Cambridge Road just north of the Morris residence that crosses the Browns River. All adjacent properties have drilled water supply wells although the Meeting House is shared with the Swanson residence.

2.0 MONITORING ACTIVITIES

In accordance with the work plan, the additional water sampling activities included the following components:

- Collect water supply samples from nearby homes for analysis via EPA Method 524.2 for volatile organic compounds (VOCs), as requested;
- Purge and sample groundwater from the five monitoring wells for analysis via EPA Method 8260 for VOCs; and,

- Submit a summary report presenting the findings of the aforementioned work and appropriate recommendations.

Details of each of these activities and results are discussed in the following sections.

2.1 Groundwater Sampling

Upon measuring the depth to water in each well it was determined that only well MW-1 contained water sufficient for purging and sampling. The well was purged using low stress purging with a peristaltic pump. The well water was sampled for analysis by EPA Method 8260 and sent to AMRO Laboratories of Merrimack, NH under chain of custody. The results of analysis by US EPA Method 8260 indicate that well MW-1 did not contain any compounds above the method reporting limit for the compounds tested. Refer to the Table on page 6 below for a list of VOCs detected above the method reporting limits.

2.2 Water Supply Sampling and Analysis

MVES sampled the Store well concurrently with the sampling of well MW-1. Water supply samples collected from the Store well, the Morris well and the Swanson well were analyzed by US EPA Method 524.2 to provide lower method detection limits. Methyl tert-butyl ether (MTBE) was detected in the supply wells at concentrations similar to previous results. Refer to the table below to view the concentrations from each sampling event. The concentrations of these three water supply samples are similar to the previous year's sample results indicating the levels are stable.

TABLE 1

GROUND-WATER ANALYTICAL RESULTS - VOCs

Westford Market
1691 RT 128
Westford, Vermont

Date	Well ID	MTBE	Benzene	Toluene	Ethylbenzene	m,p Xylene	o-Xylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Naphthalene	sec-Butylbenzene	4-Isopropyltoluene	n-Propylbenzene	Total VOCs
4/18/2016	MW-1	ND	ND	350	82	1,200	950	***290***	***100***	ND	ND	ND	ND	2972
4/27/2017	MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
4/8/2016	Morris	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13
4/29/2016	Morris 2	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
6/12/2017	Morris 3	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14
6/2/2016	Vincent	4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.5
6/2/2016	Swanson	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
6/12/2017	Swanson	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9
4/8/2016	Store	40.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.0
4/29/2016	Store 2	44.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.0
4/27/2017	Store 3	36.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.0
Concentration in µg/L														
	VGES	NE	5.0	1,000	700.0	10,000		350*		20.0	NE	NE	NE	

Notes:
1. VGES - Bold and italicized values in heavily outlined cells exceed the VGES.
2. GW samples were analyzed by US EPA Method 8260B.
3. NT - not tested; ND - not detected above method detection limits; NE - VGES not established.
4. VOCs - volatile organic compounds analyzed; MDLs - method detection limits.
5. Blanks - trip blank sample collected for QA/QC.
6. Dup - duplicate sample
7. Concentration is reported in units of ug/L - micrograms per liter - unless noted otherwise.

* 1,2,4-TMB and 1,3,5-TMB VGES values are 350 ug/L combined.

8. Water supply samples were analyzed by US EPA Method 524.2

The WM&PD continues to offer bottled water to the Morris residence. The Store well is not currently in use.

Refer to Figure 3 for the locations of the supply wells tested.

3.0 CONCEPTUAL SITE MODEL

The location of the subject property is on a knob as illustrated by the USGS Topographical Map (Figure 1). The ground surface generally slopes radially away from the site. The native soils are predominantly silts and clays with an increase in clay content with depth. There does not appear to be a true overburden groundwater aquifer due to the cohesive nature of the soils and the observed lack of groundwater entering the monitor wells following development. The presence of water in well MW-1 is likely from water accumulating in the former tank cavity that has been backfilled with more permeable soils. The presence of petroleum to the building basement and perimeter on the west side is likely a result of migration along the foundation excavations where the native soils were disturbed. It is also noted that the area of the former USTs is not paved.

The presence of MTBE at low concentrations in several bedrock wells indicates a release from the more recent 2,000-gallon tank system including possible overfills at the pump or during offloading events that may have occurred. Considering the cohesive soils in the study area, the downward migration of contamination to the bedrock via groundwater is usually reduced as the soils act as a seal. The proximity of the Store well to the former 2,000 gallon tank offers a possible conduit to the bedrock aquifer. The MTBE concentration in the bedrock wells decreases with distance from the store well in a northerly direction. This conceptual model remains unchanged after reviewing the additional data.

4.0 CONCLUSIONS

Key findings from the Initial Site Investigation are listed below:

- No true groundwater aquifer is present within the study area hence; groundwater flow direction cannot be established. All monitoring wells except for MW-1 were found to be dry.
- The groundwater sample collected and analyzed from monitor well MW-1 did not show any compounds above the method reporting limit for the compounds tested.
- There are several bedrock supply wells adjacent to the property with low concentrations of MTBE above the method reporting limit. The concentrations appear stable.
- The conceptual model remains unchanged from the previous report.

5.0 RECOMMENDATIONS

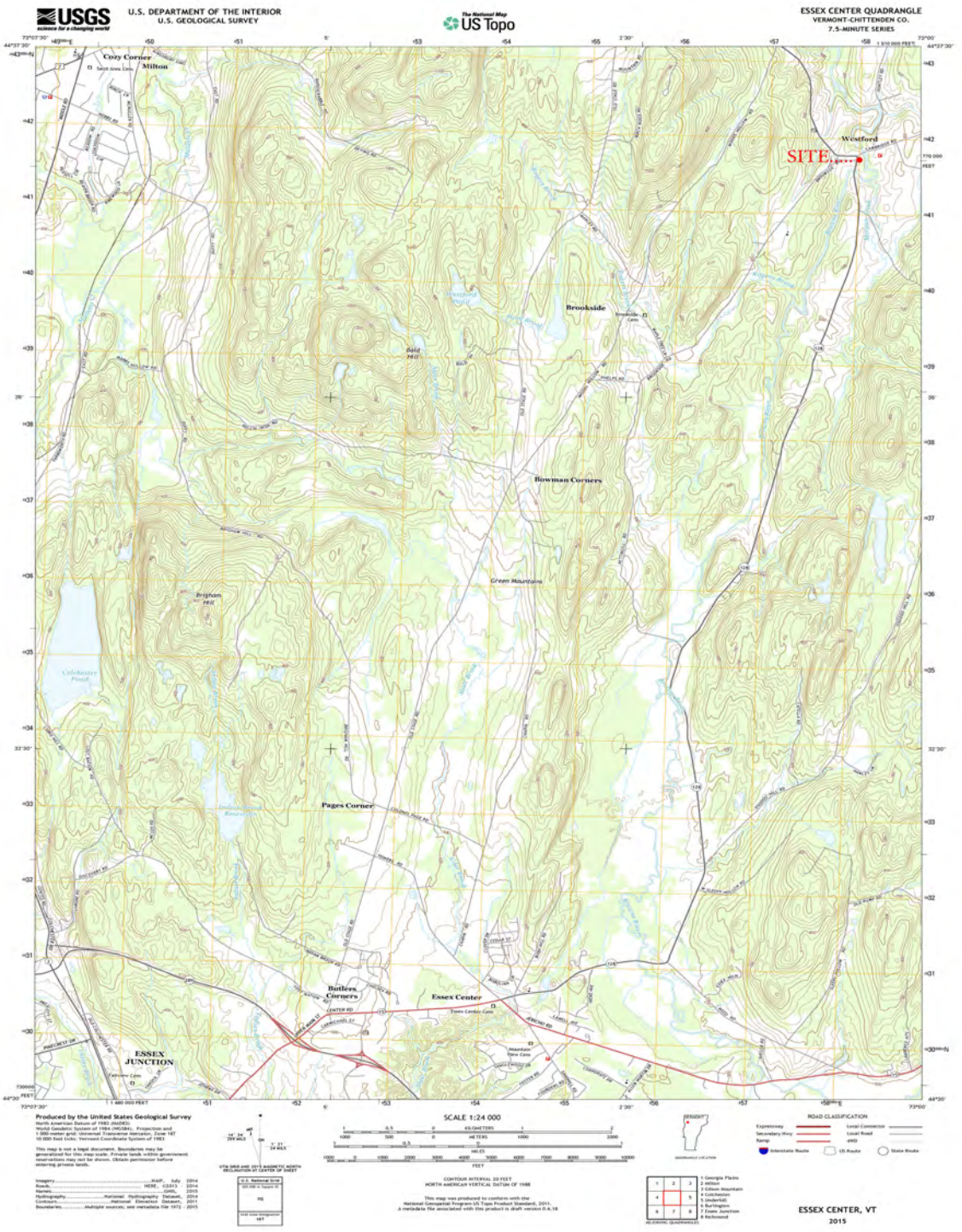
Due to the limited area of impact no further on-site investigation work is recommended at this time. Based on the fact that there was a release from the former tanks and/or tank systems, MVES recommends sampling the supply wells that previously detected MTBE above the reporting limit on an annual basis. MVES also recommends the closure of the previously installed monitor wells.

6.0 LIMITATIONS

MVES completed this initial site investigation with an appropriate site-specific standard of care. Due to the fact that geological and soil formations are inherently random, variable and indeterminate (heterogeneous) in nature, the services and opinions provided by MVES are not guaranteed to be a representation of complete Site conditions, which are subject to change with time as a result of natural or man-made processes. The findings and conclusions are limited to and by the information obtained. MVES makes no expressed or implied representations or warranties regarding any changes in condition of the premises after sampling round. No representation regarding the potential results of additional field screening, laboratory testing, or

regarding the potential results or tests for materials tested for this expressed or implied. Any qualitative or quantitative information regarding the Site that was not available to MVES at the time of this assessment may result in a modification of the representations made in this report.

FIGURES

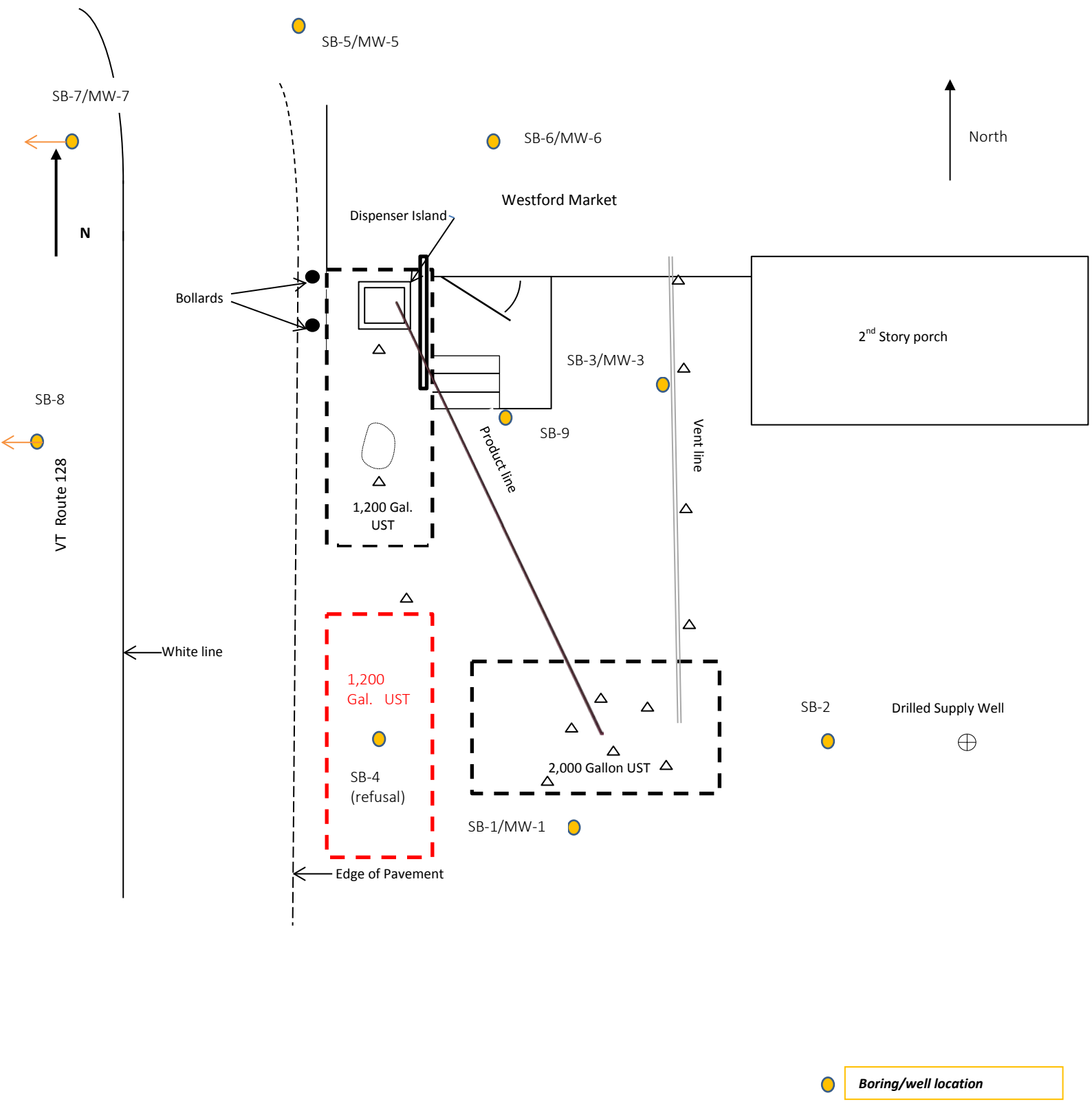


MOUNTAIN VIEW
ENVIRONMENTAL SERVICES
140 Old Stage Road
Essex Jct, VT 05452
802-288-9600

Site Location Plan

Westford Market
1691 RT 128
Westford, VT

December 17, 2015	Drawn by: J. Diego	Figure 1



MOUNTAIN VIEW
ENVIRONMENTAL SERVICES
140 Old Stage Road
Essex Jct, VT 05452
802-288-9600

Figure 2

Well & Boring Locations

Westford Market
1691 RT 128
Westford, VT

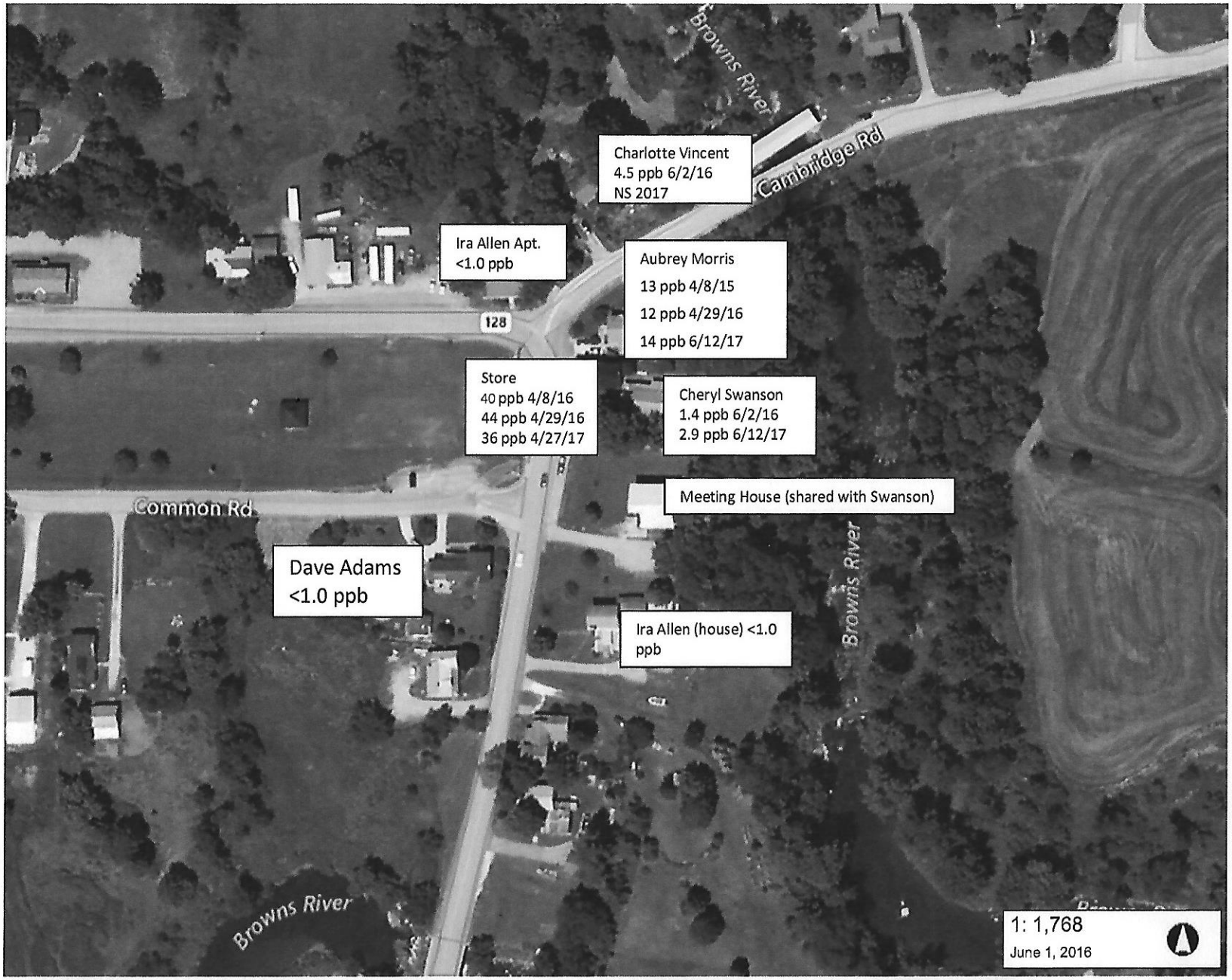
July12, 2016

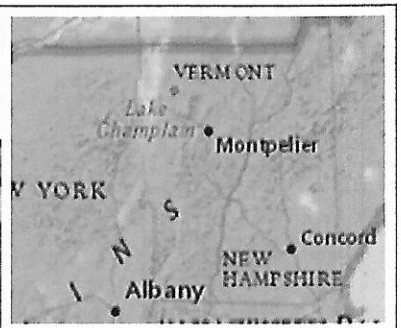
VERMONT

Westford Market Supply Well Sampling Locations

Vermont Agency of Natural Resources

vermont.gov





LEGEND

Town Boundary

MtBE concentrations in parts per billon (ppb)

NOTES

Westford Market
SMS Site # 2015-4598
5/31/16

FIGURE 3

90.0 0 45.00 90.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 147 Ft. 1cm = 18 Meters

THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

Appendix

AMRO Environmental Laboratories Corporation

111 Herrick Street, Merrimack, NH 03054
TEL: (603) 424-2022 • FAX: (603) 429-8496
www.amrolabs.com

May 18, 2017

ANALYTICAL TEST RESULTS

John Diego
Mountain View Environmental Services
140 Old Stage Road
P.O. Box 11
Essex Jct, VT 05453
TEL: (802) 288-9600
FAX: (802) 288-9881

Subject: Westford Mkt

Workorder No.: 1705019

Dear John Diego:

AMRO Environmental Laboratories Corp. received 2 samples on 5/5/2017 for the analyses presented in the following report.

The enclosed sample results are revised based upon further review of the the analytical data or legitimate changes made at your request.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

Please be advised that any unused sample volume and sample extracts will be stored for a period of thirty (30) days from this report date. After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 30 pages. This letter is an integral part of your data report. If you have any questions regarding this project in the future, please refer to the Order Number above.

Sincerely,

Nancy Stewart
Vice President

State Certifications: NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001.

Hard copy of the State Certification is available upon request.

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Project: Westford Mkt
Lab Order: 1705019
Date Received: 5/5/2017

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
1705019-01A	MW-1	4/27/2017	2:20 PM
1705019-02A	Store Well	4/27/2017	1:55 PM

Lab Order: 1705019
Client: Mountain View Environmental Services
Project: Westford Mkt

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
1705019-01A	MW-1	4/27/2017 2:20:00 PM	Aqueous	EPA 8260C VOLATILES by GC/MS		5/10/2017	
				EPA 5030B	4/27/2017	R59558	
1705019-02A	Store Well	4/27/2017 1:55:00 PM		EPA 524.2 VOA, Drinking Water		5/11/2017	
					4/27/2017	R59550	

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 66937

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: Westford Mill	Project State: VT	Project Manager: John Diego	Samplers (Signature):	AMRO Project No.: 1705019
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	8260	524.2	REQUESTED ANALYSES	Remarks
MW-1	4/27/17 1420	W	2-40		X	✓			
Store Well	4/27/17 1355	W	2-40		X		✓		

4 of 80

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To: MVES
140 OLD STATE RD
ESSEX JCT VT

PHONE #: 802 288 9608 FAX #:
E-mail: JDiego@mvesvt.com

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

MCP Presumptive Certainty Required? YES ☐ NO ☐
MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits:
S-1 ☐ GW-1 ☐
S-2 ☐ GW-2 ☐
S-3 ☐ GW-3 ☐
Other:

AMRO report package level needed:
EDD required:

Relinquished By:	Date/Time	Received By
	5/3/17 1330	UPS
	5/5/17 12:45	Andrew Stiles

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION: MTBE

White: Lab Copy Yellow: Client Copy

SHEET 1 OF 1

Laboratories Corporation

SAMPLE RECEIPT CHECKLIST

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Client: MVES
Project Name: Westford MRT
Ship via: (circle one) Fed Ex, UPS, AMRO Courier,
Hand Del., Other Courier, Other:

AMRO ID: K05019
Date Rec.: 05/06/17
Date Due: 05/12/17

Items to be Checked Upon Receipt	Yes	No	NA	Comments
1. Army Samples received in individual plastic bags?			✓	
2. Custody Seals present?			✓	
3. Custody Seals Intact?			✓	
4. Air Bill included in folder if received?				
5. Is COC included with samples?	✓			
6. Is COC signed and dated by client?	✓			
7. Laboratory receipt temperature. TEMP = 4C Samples rec. with ice ✓ ice packs___ neither___				
8. Were samples received the same day they were sampled? Is client temperature = or <6°C ? **If no obtain authorization from the client for the analyses.** **Client authorization from: Date: Obtained by:**		✓		
9. Is the COC filled out correctly and completely?	✓			
10. Does the info on the COC match the samples?	✓			
11. Were samples rec. within holding time?	✓			
12. Were all samples properly labeled?	✓			
13. Were all samples properly preserved?	✓			
14. Were proper sample containers used?	✓			
15. Were all samples received intact? (none broken or leaking)	✓			
16. Were VOA vials rec. with no air bubbles?	✓			
17. Were the sample volumes sufficient for requested analysis?	✓			
18. Were all samples received?	✓			
19. VPH and VOA Soils only:				
Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container)				
Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk, D= DI water				
If M, SB, DI:				
Does preservative cover the soil?				
Does preservation level come close to the fill line on the vial?				
Date/Time DI Preserved vials Frozen on:				
Frozen by Client?				
Were vials provided by AMRO?				
If NO then weights MUST be obtained from client				
Was dry weight aliquot provided?				
If NO then notified client and inform the VOA lab ASAP.				
20. Subcontracted Samples:				
What samples sent:				
Where sent:				
Date:				
Analysis:				
TAT:				
21. Information entered into:				
Internal Tracking Log?	✓			
Dry Weight Log?				
Client Log?			✓	
Composite Log?			✓	
Filtration Log?			✓	

Received By: AD Date: 05/06/17 Logged in By: SV Date: 05/08/17
Labeled By: AD Date: 05/06/17 Checked By: AD Date: 5-9-17

NA= Not Applicable

AMRO Environmental Laboratories Corporation

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Please Circle if:
Sample= Soil
Sample= Waste

AMRO ID: 170519

Sample ID	Analysis	Volume Sample	Preserv. Listed	Initial pH*	Acceptable? Y or N	List Preserv. Added by AMRO	Solution ID # of Preserv.	Volume Preservative Added	Final adjusted pH	Final adjusted pH (after 16 or 24 hours)
01 NoA	VOA	Amount	HCL	-						
02	524.2	↓	HCL							

Sample ID	Analysis	Volume Sample	Preserv. Listed	Initial TRC	Acceptable? Y or N	List Preserv. Added by AMRO	Solution ID # of Preserv.	Volume Preservative Added	Final adjusted TRC	Acceptable? Y or N

***** = If the laboratory preserves the drinking water sample (s) for EPA Method 200 series, sample (s) should be held at least 16 hours prior to analysis or 24 hours for water sample (s).*

pH Checked By: ______________ Date: __________ pH adjusted By: __________ Date: __________

pH Checked By: ______________ Date: __________ pH adj.(16 or 24hrs)By: __________ Date: __________

qc/qcmemos/forms/samplerec Rev.21 04/14/14

GC/MS VOLATILES- 8260C:

1. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 05/10/17 on V-2 (Batch ID: R59558). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

1.1 The %R for 3 analytes out of 67 analytes in the LCS were outside the control limits.
1.2 The %R for 2 analytes out of 67 analytes in the LCSD were outside the control limits.
1.3 The RPD for 2 analytes out of 67 analytes was outside the control limits.

2. No analytical or quality issues were noted, other than those described above or in the Data Comment page.

C/MS VOLATILES- 524.2:

1. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 05/11/17 on V-3 (Batch ID: R59550). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

1.1 The %R for 1 analyte out of 68 analytes in the LCS were outside the control limits.
1.2 The %R for 1 analyte out of 68 analytes in the LCSD were outside the control limits.
1.3 The RPD for 1 analytes out of 68 analytes was outside the control limits.

2. No analytical or quality issues were noted, other than those described above or in the Data Comment page.

DATA COMMENT PAGE

Organic Data Qualifiers

ND	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative
Q	RPD between signal 1 and signal 2 >40%.

Micro Data Qualifiers

TNTC	Too numerous to count

Inorganic Data Qualifiers

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
PS	The analyte was below the Reporting Limit but has significant matrix interference as noted by the poor recovery of the Post Digestion Spike.
#	See Case Narrative
*	MCL Exceeded

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT:	Mountain View Environmental Services	**Client Sample ID:**	MW-1
Lab Order:	1705019	**Collection Date:**	4/27/2017 2:20:00 PM
Project:	Westford Mkt	**Matrix:**	AQUEOUS
Lab ID:	1705019-01A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: JK
Dichlorodifluoromethane	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Chloromethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Vinyl chloride	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Chloroethane	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Bromomethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Diethyl ether	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Acetone	ND	10		µg/L	1	5/10/2017 2:32:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	5/10/2017 2:32:00 PM
Carbon disulfide	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Methylene chloride	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
2-Butanone	ND	10		µg/L	1	5/10/2017 2:32:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Chloroform	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Tetrahydrofuran	ND	10		µg/L	1	5/10/2017 2:32:00 PM
Bromochloromethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Benzene	ND	1.0		µg/L	1	5/10/2017 2:32:00 PM
Trichloroethene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Dibromomethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/10/2017 2:32:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/2017 2:32:00 PM
Toluene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/10/2017 2:32:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
2-Hexanone	ND	10		µg/L	1	5/10/2017 2:32:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Lab Order: 1705019
Project: Westford Mkt
Lab ID: 1705019-01A

Client Sample ID: MW-1
Collection Date: 4/27/2017 2:20:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Ethylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
m,p-Xylene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
o-Xylene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Styrene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Bromoform	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Bromobenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
Naphthalene	ND	2.0		µg/L	1	5/10/2017 2:32:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	5/10/2017 2:32:00 PM
Surr: Dibromofluoromethane	96.7	74-138		%REC	1	5/10/2017 2:32:00 PM
Surr: 1,2-Dichloroethane-d4	97.0	64-138		%REC	1	5/10/2017 2:32:00 PM
Surr: Toluene-d8	93.8	77-128		%REC	1	5/10/2017 2:32:00 PM
Surr: 4-Bromofluorobenzene	94.7	81-113		%REC	1	5/10/2017 2:32:00 PM

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Method Blank

Sample ID: mb-05/10/17 **Batch ID:** R59558 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 5/10/2017 1:54:00 PM **Prep Date:** 5/10/2017
Client ID: **Run ID:** V-2_170510A **SeqNo:** 999400

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	ND	5.0	µg/L									
Chloromethane	ND	2.0	µg/L									
Vinyl chloride	ND	2.0	µg/L									
Chloroethane	ND	5.0	µg/L									
Bromomethane	ND	2.0	µg/L									
Trichlorofluoromethane	ND	2.0	µg/L									
Diethyl ether	ND	5.0	µg/L									
Acetone	ND	10	µg/L									
1,1-Dichloroethene	ND	1.0	µg/L									
Carbon disulfide	ND	2.0	µg/L									
Methylene chloride	ND	5.0	µg/L									
Methyl tert-butyl ether	ND	2.0	µg/L									
trans-1,2-Dichloroethene	ND	2.0	µg/L									
1,1-Dichloroethane	ND	2.0	µg/L									
2-Butanone	ND	10	µg/L									
2,2-Dichloropropane	ND	2.0	µg/L									
cis-1,2-Dichloroethene	ND	2.0	µg/L									
Chloroform	ND	2.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Bromochloromethane	ND	2.0	µg/L									
1,1,1-Trichloroethane	ND	2.0	µg/L									
1,1-Dichloropropene	ND	2.0	µg/L									
Carbon tetrachloride	ND	2.0	µg/L									
1,2-Dichloroethane	ND	2.0	µg/L									
Benzene	ND	1.0	µg/L									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Method Blank

Trichloroethene	ND	2.0	µg/L
1,2-Dichloropropane	ND	2.0	µg/L
Bromodichloromethane	ND	2.0	µg/L
Dibromomethane	ND	2.0	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
cis-1,3-Dichloropropene	ND	1.0	µg/L
Toluene	ND	2.0	µg/L
trans-1,3-Dichloropropene	ND	1.0	µg/L
1,1,2-Trichloroethane	ND	2.0	µg/L
1,2-Dibromoethane	ND	2.0	µg/L
2-Hexanone	ND	10	µg/L
1,3-Dichloropropane	ND	2.0	µg/L
Tetrachloroethene	ND	2.0	µg/L
Dibromochloromethane	ND	2.0	µg/L
Chlorobenzene	ND	2.0	µg/L
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L
Ethylbenzene	ND	2.0	µg/L
m,p-Xylene	ND	2.0	µg/L
o-Xylene	ND	2.0	µg/L
Styrene	ND	2.0	µg/L
Bromoform	ND	2.0	µg/L
Isopropylbenzene	ND	2.0	µg/L
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L
1,2,3-Trichloropropane	ND	2.0	µg/L
Bromobenzene	ND	2.0	µg/L
n-Propylbenzene	ND	2.0	µg/L
2-Chlorotoluene	ND	2.0	µg/L
4-Chlorotoluene	ND	2.0	µg/L
1,3,5-Trimethylbenzene	ND	2.0	µg/L
tert-Butylbenzene	ND	2.0	µg/L
1,2,4-Trimethylbenzene	ND	2.0	µg/L

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

sec-Butylbenzene	ND	2.0	µg/L						
4-Isopropyltoluene	ND	2.0	µg/L						
1,3-Dichlorobenzene	ND	2.0	µg/L						
1,4-Dichlorobenzene	ND	2.0	µg/L						
n-Butylbenzene	ND	2.0	µg/L						
1,2-Dichlorobenzene	ND	2.0	µg/L						
1,2-Dibromo-3-chloropropane	ND	5.0	µg/L						
1,2,4-Trichlorobenzene	ND	2.0	µg/L						
Hexachlorobutadiene	ND	2.0	µg/L						
Naphthalene	ND	5.0	µg/L						
1,2,3-Trichlorobenzene	ND	2.0	µg/L						
Surr: Dibromofluoromethane	23.58	2.0	µg/L	25	0	94.3	74	138	0
Surr: 1,2-Dichloroethane-d4	25.79	2.0	µg/L	25	0	103	64	138	0
Surr: Toluene-d8	23.45	2.0	µg/L	25	0	93.8	77	128	0
Surr: 4-Bromofluorobenzene	24.51	2.0	µg/L	25	0	98	81	113	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-05/10/17 **Batch ID:** R59558 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 5/10/2017 11:58:00 AM **Prep Date:** 5/10/2017
Client ID: **Run ID:** V-2_170510A **SeqNo:** 999407

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	66.4	5.0	µg/L	20	0	332	10	158	0			S
Chloromethane	36.37	2.0	µg/L	20	0	182	45	144	0			S
Vinyl chloride	31.3	2.0	µg/L	20	0	156	45	140	0			S
Chloroethane	21.86	5.0	µg/L	20	0	109	49	140	0			
Bromomethane	23.8	2.0	µg/L	20	0	119	54	149	0			
Trichlorofluoromethane	29.68	2.0	µg/L	20	0	148	71	154	0			
Diethyl ether	19.56	5.0	µg/L	20	0	97.8	65	142	0			
Acetone	34.18	10	µg/L	40	0	85.4	10	179	0			
1,1-Dichloroethene	20.21	1.0	µg/L	20	0	101	69	152	0			
Carbon disulfide	18.33	2.0	µg/L	20	0	91.7	42	149	0			
Methylene chloride	18.63	5.0	µg/L	20	0	93.2	69	159	0			
Methyl tert-butyl ether	20.09	2.0	µg/L	20	0	100	67	144	0			
trans-1,2-Dichloroethene	19.97	2.0	µg/L	20	0	99.8	73	149	0			
1,1-Dichloroethane	19.97	2.0	µg/L	20	0	99.8	74	147	0			
2-Butanone	36.93	10	µg/L	40	0	92.3	16	164	0			
2,2-Dichloropropane	25.43	2.0	µg/L	20	0	127	68	166	0			
cis-1,2-Dichloroethene	20.69	2.0	µg/L	20	0	103	74	141	0			
Chloroform	19.27	2.0	µg/L	20	0	96.4	72	137	0			
Tetrahydrofuran	18.65	10	µg/L	20	0	93.3	53	149	0			
Bromochloromethane	22.08	2.0	µg/L	20	0	110	76	145	0			
1,1,1-Trichloroethane	19.57	2.0	µg/L	20	0	97.8	76	138	0			
1,1-Dichloropropene	23.09	2.0	µg/L	20	0	115	74	138	0			
Carbon tetrachloride	20.99	2.0	µg/L	20	0	105	70	138	0			
1,2-Dichloroethane	20.79	2.0	µg/L	20	0	104	74	134	0			
Benzene	22.9	1.0	µg/L	20	0	114	69	148	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

Trichloroethene	18.73	2.0	µg/L	20	0	93.6	74	136	0
1,2-Dichloropropane	18.91	2.0	µg/L	20	0	94.6	72	137	0
Bromodichloromethane	19.89	2.0	µg/L	20	0	99.4	74	137	0
Dibromomethane	19.07	2.0	µg/L	20	0	95.4	75	129	0
4-Methyl-2-pentanone	28.5	10	µg/L	40	0	71.3	49	138	0
cis-1,3-Dichloropropene	20.36	1.0	µg/L	20	0	102	72	134	0
Toluene	20.37	2.0	µg/L	20	0	102	75	139	0
trans-1,3-Dichloropropene	16.85	1.0	µg/L	20	0	84.2	64	132	0
1,1,2-Trichloroethane	19.41	2.0	µg/L	20	0	97	73	138	0
1,2-Dibromoethane	20.44	2.0	µg/L	20	0	102	72	136	0
2-Hexanone	31.95	10	µg/L	40	0	79.9	35	138	0
1,3-Dichloropropane	19.93	2.0	µg/L	20	0	99.7	75	120	0
Tetrachloroethene	22.6	2.0	µg/L	20	0	113	77	125	0
Dibromochloromethane	17.9	2.0	µg/L	20	0	89.5	68	113	0
Chlorobenzene	19.22	2.0	µg/L	20	0	96.1	79	120	0
1,1,1,2-Tetrachloroethane	18.96	2.0	µg/L	20	0	94.8	73	118	0
Ethylbenzene	20.16	2.0	µg/L	20	0	101	75	127	0
m,p-Xylene	44.41	2.0	µg/L	40	0	111	73	131	0
o-Xylene	20.34	2.0	µg/L	20	0	102	73	133	0
Styrene	21.2	2.0	µg/L	20	0	106	69	134	0
Bromoform	15.67	2.0	µg/L	20	0	78.4	51	112	0
Isopropylbenzene	21.81	2.0	µg/L	20	0	109	68	128	0
1,1,2,2-Tetrachloroethane	17.73	2.0	µg/L	20	0	88.6	65	121	0
1,2,3-Trichloropropane	17.74	2.0	µg/L	20	0	88.7	59	125	0
Bromobenzene	21.1	2.0	µg/L	20	0	106	75	120	0
n-Propylbenzene	21.77	2.0	µg/L	20	0	109	66	131	0
2-Chlorotoluene	20.23	2.0	µg/L	20	0	101	68	123	0
4-Chlorotoluene	20.66	2.0	µg/L	20	0	103	69	124	0
1,3,5-Trimethylbenzene	21.23	2.0	µg/L	20	0	106	68	130	0
tert-Butylbenzene	20.92	2.0	µg/L	20	0	105	67	129	0
1,2,4-Trimethylbenzene	22.29	2.0	µg/L	20	0	111	69	132	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

sec-Butylbenzene	21.72	2.0	µg/L	20	0	109	62	136	0
4-Isopropyltoluene	22.16	2.0	µg/L	20	0	111	65	137	0
1,3-Dichlorobenzene	20.91	2.0	µg/L	20	0	105	71	126	0
1,4-Dichlorobenzene	19.84	2.0	µg/L	20	0	99.2	72	123	0
n-Butylbenzene	22.38	2.0	µg/L	20	0	112	64	138	0
1,2-Dichlorobenzene	20.58	2.0	µg/L	20	0	103	75	124	0
1,2-Dibromo-3-chloropropane	14.93	5.0	µg/L	20	0	74.7	48	130	0
1,2,4-Trichlorobenzene	22.42	2.0	µg/L	20	0	112	61	141	0
Hexachlorobutadiene	17.74	2.0	µg/L	20	0	88.7	45	154	0
Naphthalene	19.36	5.0	µg/L	20	0	96.8	41	143	0
1,2,3-Trichlorobenzene	20.93	2.0	µg/L	20	0	105	40	152	0
Surr: Dibromofluoromethane	25.45	2.0	µg/L	25	0	102	74	138	0
Surr: 1,2-Dichloroethane-d4	24.74	2.0	µg/L	25	0	99	64	138	0
Surr: Toluene-d8	25.35	2.0	µg/L	25	0	101	77	128	0
Surr: 4-Bromofluorobenzene	24.13	2.0	µg/L	25	0	96.5	81	113	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-05/10/17 **Batch ID:** R59558 **Test Code:** SW8260C **Units:** µg/L **Analysis Date:** 5/10/2017 12:37:00 PM **Prep Date:** 5/10/2017
Client ID: **Run ID:** V-2_170510A **SeqNo:** 999404

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Dichlorodifluoromethane	52.57	5.0	µg/L	20	0	263	10	158	66.4	23.2	20	SR
Chloromethane	31.98	2.0	µg/L	20	0	160	45	144	36.37	12.8	20	S
Vinyl chloride	24.28	2.0	µg/L	20	0	121	45	140	31.3	25.3	20	R
Chloroethane	22.86	5.0	µg/L	20	0	114	49	140	21.86	4.47	20	
Bromomethane	22.21	2.0	µg/L	20	0	111	54	149	23.8	6.91	20	
Trichlorofluoromethane	27.6	2.0	µg/L	20	0	138	71	154	29.68	7.26	20	
Diethyl ether	18.64	5.0	µg/L	20	0	93.2	65	142	19.56	4.82	20	
Acetone	34.41	10	µg/L	40	0	86	10	179	34.18	0.671	20	
1,1-Dichloroethene	17.52	1.0	µg/L	20	0	87.6	69	152	20.21	14.3	20	
Carbon disulfide	16.7	2.0	µg/L	20	0	83.5	42	149	18.33	9.31	20	
Methylene chloride	17.31	5.0	µg/L	20	0	86.6	69	159	18.63	7.35	20	
Methyl tert-butyl ether	19.01	2.0	µg/L	20	0	95	67	144	20.09	5.52	20	
trans-1,2-Dichloroethene	18.04	2.0	µg/L	20	0	90.2	73	149	19.97	10.2	20	
1,1-Dichloroethane	18.48	2.0	µg/L	20	0	92.4	74	147	19.97	7.75	20	
2-Butanone	38.95	10	µg/L	40	0	97.4	16	164	36.93	5.32	20	
2,2-Dichloropropane	21	2.0	µg/L	20	0	105	68	166	25.43	19.1	20	
cis-1,2-Dichloroethene	20.15	2.0	µg/L	20	0	101	74	141	20.69	2.64	20	
Chloroform	17.84	2.0	µg/L	20	0	89.2	72	137	19.27	7.71	20	
Tetrahydrofuran	15.89	10	µg/L	20	0	79.4	53	149	18.65	16	20	
Bromochloromethane	20.47	2.0	µg/L	20	0	102	76	145	22.08	7.57	20	
1,1,1-Trichloroethane	18.05	2.0	µg/L	20	0	90.2	76	138	19.57	8.08	20	
1,1-Dichloropropene	20.28	2.0	µg/L	20	0	101	74	138	23.09	13	20	
Carbon tetrachloride	18.77	2.0	µg/L	20	0	93.8	70	138	20.99	11.2	20	
1,2-Dichloroethane	19.93	2.0	µg/L	20	0	99.7	74	134	20.79	4.22	20	
Benzene	21.42	1.0	µg/L	20	0	107	69	148	22.9	6.68	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Trichloroethene	17.7	2.0	µg/L	20	0	88.5	74	136	18.73	5.65	20
1,2-Dichloropropane	17.73	2.0	µg/L	20	0	88.6	72	137	18.91	6.44	20
Bromodichloromethane	18.23	2.0	µg/L	20	0	91.2	74	137	19.89	8.71	20
Dibromomethane	17.95	2.0	µg/L	20	0	89.8	75	129	19.07	6.05	20
4-Methyl-2-pentanone	29.15	10	µg/L	40	0	72.9	49	138	28.5	2.25	20
cis-1,3-Dichloropropene	17.57	1.0	µg/L	20	0	87.8	72	134	20.36	14.7	20
Toluene	18.92	2.0	µg/L	20	0	94.6	75	139	20.37	7.38	20
trans-1,3-Dichloropropene	15.44	1.0	µg/L	20	0	77.2	64	132	16.85	8.73	20
1,1,2-Trichloroethane	19.2	2.0	µg/L	20	0	96	73	138	19.41	1.09	20
1,2-Dibromoethane	18.03	2.0	µg/L	20	0	90.2	72	136	20.44	12.5	20
2-Hexanone	31.46	10	µg/L	40	0	78.7	35	138	31.95	1.55	20
1,3-Dichloropropane	18.92	2.0	µg/L	20	0	94.6	75	120	19.93	5.2	20
Tetrachloroethene	21.81	2.0	µg/L	20	0	109	77	125	22.6	3.56	20
Dibromochloromethane	17.18	2.0	µg/L	20	0	85.9	68	113	17.9	4.1	20
Chlorobenzene	18.6	2.0	µg/L	20	0	93	79	120	19.22	3.28	20
1,1,1,2-Tetrachloroethane	18.69	2.0	µg/L	20	0	93.4	73	118	18.96	1.43	20
Ethylbenzene	19.4	2.0	µg/L	20	0	97	75	127	20.16	3.84	20
m,p-Xylene	42.33	2.0	µg/L	40	0	106	73	131	44.41	4.8	20
o-Xylene	19.43	2.0	µg/L	20	0	97.2	73	133	20.34	4.58	20
Styrene	19.61	2.0	µg/L	20	0	98	69	134	21.2	7.79	20
Bromoform	16.21	2.0	µg/L	20	0	81	51	112	15.67	3.39	20
Isopropylbenzene	20.82	2.0	µg/L	20	0	104	68	128	21.81	4.64	20
1,1,2,2-Tetrachloroethane	17.65	2.0	µg/L	20	0	88.2	65	121	17.73	0.452	20
1,2,3-Trichloropropane	17.89	2.0	µg/L	20	0	89.4	59	125	17.74	0.842	20
Bromobenzene	20.44	2.0	µg/L	20	0	102	75	120	21.1	3.18	20
n-Propylbenzene	20.95	2.0	µg/L	20	0	105	66	131	21.77	3.84	20
2-Chlorotoluene	19.88	2.0	µg/L	20	0	99.4	68	123	20.23	1.75	20
4-Chlorotoluene	19.49	2.0	µg/L	20	0	97.5	69	124	20.66	5.83	20
1,3,5-Trimethylbenzene	20.99	2.0	µg/L	20	0	105	68	130	21.23	1.14	20
tert-Butylbenzene	19.45	2.0	µg/L	20	0	97.3	67	129	20.92	7.28	20
1,2,4-Trimethylbenzene	21.25	2.0	µg/L	20	0	106	69	132	22.29	4.78	20

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CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

sec-Butylbenzene	20.37	2.0	µg/L	20	0	102	62	136	21.72	6.41	20
4-Isopropyltoluene	20.97	2.0	µg/L	20	0	105	65	137	22.16	5.52	20
1,3-Dichlorobenzene	20.68	2.0	µg/L	20	0	103	71	126	20.91	1.11	20
1,4-Dichlorobenzene	19.93	2.0	µg/L	20	0	99.7	72	123	19.84	0.453	20
n-Butylbenzene	21.09	2.0	µg/L	20	0	105	64	138	22.38	5.94	20
1,2-Dichlorobenzene	20.47	2.0	µg/L	20	0	102	75	124	20.58	0.536	20
1,2-Dibromo-3-chloropropane	15.83	5.0	µg/L	20	0	79.2	48	130	14.93	5.85	20
1,2,4-Trichlorobenzene	21.36	2.0	µg/L	20	0	107	61	141	22.42	4.84	20
Hexachlorobutadiene	16.9	2.0	µg/L	20	0	84.5	45	154	17.74	4.85	20
Naphthalene	19.47	5.0	µg/L	20	0	97.4	41	143	19.36	0.567	20
1,2,3-Trichlorobenzene	18.89	2.0	µg/L	20	0	94.4	40	152	20.93	10.2	20
Surr: Dibromofluoromethane	24.16	2.0	µg/L	25	0	96.6	74	138	0	0	0
Surr: 1,2-Dichloroethane-d4	25.13	2.0	µg/L	25	0	101	64	138	0	0	0
Surr: Toluene-d8	24.24	2.0	µg/L	25	0	97	77	128	0	0	0
Surr: 4-Bromofluorobenzene	23.9	2.0	µg/L	25	0	95.6	81	113	0	0	0

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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT:	Mountain View Environmental Services	**Client Sample ID:**	Store Well
Lab Order:	1705019	**Collection Date:**	4/27/2017 1:55:00 PM
Project:	Westford Mkt	**Matrix:**	AQUEOUS
Lab ID:	1705019-02A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 524.2 REV.4.1 VOCS IN DRINKING WATER	**E524.2**					Analyst: JK
Bromomethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Acetone	ND	10		µg/L	1	5/11/2017 10:01:00 PM
Acrylonitrile	ND	1.0		µg/L	1	5/11/2017 10:01:00 PM
Benzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Bromobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Bromochloromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Bromoform	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
2-Butanone	ND	10		µg/L	1	5/11/2017 10:01:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Carbon disulfide	ND	1.0		µg/L	1	5/11/2017 10:01:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Chlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Chloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Chloroform	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Chloromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/11/2017 10:01:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Dibromomethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2-Dichloroethane	1.7	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Lab Order: 1705019
Project: Westford Mkt
Lab ID: 1705019-02A

Client Sample ID: Store Well
Collection Date: 4/27/2017 1:55:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diethyl ether	ND	2.0		µg/L	1	5/11/2017 10:01:00 PM
Ethylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
2-Hexanone	ND	10		µg/L	1	5/11/2017 10:01:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Methylene chloride	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	5/11/2017 10:01:00 PM
Methyl tert-butyl ether	36	0.50		µg/L	1	5/11/2017 10:01:00 PM
Naphthalene	ND	1.0		µg/L	1	5/11/2017 10:01:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Styrene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Tetrahydrofuran	ND	5.0		µg/L	1	5/11/2017 10:01:00 PM
Toluene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Trichloroethene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
Vinyl chloride	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
o-Xylene	ND	0.50		µg/L	1	5/11/2017 10:01:00 PM
m,p-Xylene	ND	1.0		µg/L	1	5/11/2017 10:01:00 PM
Surr: 1,2-Dichloroethane-d4	122	78-138		%REC	1	5/11/2017 10:01:00 PM
Surr: 4-Bromofluorobenzene	91.5	73-119		%REC	1	5/11/2017 10:01:00 PM
Surr: Dibromofluoromethane	112	90-116		%REC	1	5/11/2017 10:01:00 PM
Surr: Toluene-d8	102	86-118		%REC	1	5/11/2017 10:01:00 PM

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Method Blank

Sample ID: mb-05/11/17 **Batch ID:** R59550 **Test Code:** E524.2 **Units:** µg/L **Analysis Date:** 5/11/2017 9:24:00 PM **Prep Date:** 5/11/2017
Client ID: **Run ID:** V-3_170511A **SeqNo:** 999307

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	ND	0.50	µg/L									
Acetone	ND	10	µg/L									
Acrylonitrile	ND	1.0	µg/L									
Benzene	ND	0.50	µg/L									
Bromobenzene	ND	0.50	µg/L									
Bromochloromethane	ND	0.50	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	0.50	µg/L									
2-Butanone	ND	10	µg/L									
n-Butylbenzene	ND	0.50	µg/L									
sec-Butylbenzene	ND	0.50	µg/L									
tert-Butylbenzene	ND	0.50	µg/L									
Carbon disulfide	ND	1.0	µg/L									
Carbon tetrachloride	ND	0.50	µg/L									
Chlorobenzene	ND	0.50	µg/L									
Chloroethane	ND	0.50	µg/L									
Chloroform	ND	0.50	µg/L									
Chloromethane	ND	0.50	µg/L									
2-Chlorotoluene	ND	0.50	µg/L									
4-Chlorotoluene	ND	0.50	µg/L									
Dibromochloromethane	ND	0.50	µg/L									
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L									
1,2-Dibromoethane	ND	0.50	µg/L									
Dibromomethane	ND	0.50	µg/L									
1,2-Dichlorobenzene	ND	0.50	µg/L									

Qualifiers:
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1,3-Dichlorobenzene	ND	0.50	µg/L
1,4-Dichlorobenzene	ND	0.50	µg/L
Dichlorodifluoromethane	ND	0.50	µg/L
1,1-Dichloroethane	ND	0.50	µg/L
1,2-Dichloroethane	ND	0.50	µg/L
1,1-Dichloroethene	ND	0.50	µg/L
cis-1,2-Dichloroethene	ND	0.50	µg/L
trans-1,2-Dichloroethene	ND	0.50	µg/L
1,2-Dichloropropane	ND	0.50	µg/L
1,3-Dichloropropane	ND	0.50	µg/L
2,2-Dichloropropane	ND	0.50	µg/L
1,1-Dichloropropene	ND	0.50	µg/L
cis-1,3-Dichloropropene	ND	0.50	µg/L
trans-1,3-Dichloropropene	ND	0.50	µg/L
Diethyl ether	ND	2.0	µg/L
Ethylbenzene	ND	0.50	µg/L
Hexachlorobutadiene	ND	0.50	µg/L
2-Hexanone	ND	10	µg/L
Isopropylbenzene	ND	0.50	µg/L
4-Isopropyltoluene	ND	0.50	µg/L
Methylene chloride	ND	0.50	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
Methyl tert-butyl ether	ND	0.50	µg/L
Naphthalene	ND	1.0	µg/L
n-Propylbenzene	ND	0.50	µg/L
Styrene	ND	0.50	µg/L
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L
Tetrachloroethene	ND	0.50	µg/L
Tetrahydrofuran	ND	5.0	µg/L
Toluene	ND	0.50	µg/L

Qualifiers:
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NA - Not applicable where J values or ND results occur
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CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Method Blank

1,2,3-Trichlorobenzene	ND	0.50	µg/L						
1,2,4-Trichlorobenzene	ND	0.50	µg/L						
1,1,1-Trichloroethane	ND	0.50	µg/L						
1,1,2-Trichloroethane	ND	0.50	µg/L						
Trichloroethene	ND	0.50	µg/L						
Trichlorofluoromethane	ND	0.50	µg/L						
1,2,3-Trichloropropane	ND	0.50	µg/L						
1,2,4-Trimethylbenzene	ND	0.50	µg/L						
1,3,5-Trimethylbenzene	ND	0.50	µg/L						
Vinyl chloride	ND	0.50	µg/L						
o-Xylene	ND	0.50	µg/L						
m,p-Xylene	ND	1.0	µg/L						
Surr: 1,2-Dichloroethane-d4	11.75	0.50	µg/L	10	0	118	78	138	0
Surr: 4-Bromofluorobenzene	9	0.50	µg/L	10	0	90	73	119	0
Surr: Dibromofluoromethane	11.09	0.50	µg/L	10	0	111	90	116	0
Surr: Toluene-d8	10.26	0.50	µg/L	10	0	103	86	118	0

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J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-05/11/17 **Batch ID:** R59550 **Test Code:** E524.2 **Units:** µg/L **Analysis Date:** 5/11/2017 1:27:00 PM **Prep Date:** 5/11/2017
Client ID: **Run ID:** V-3_170511A **SeqNo:** 999305

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	9.13	0.50	µg/L	10	0	91.3	70	130	0			
Acetone	17.21	10	µg/L	20	0	86	70	130	0			
Acrylonitrile	9.17	1.0	µg/L	10	0	91.7	70	130	0			
Benzene	9.97	0.50	µg/L	10	0	99.7	70	130	0			
Bromobenzene	9.6	0.50	µg/L	10	0	96	70	130	0			
Bromochloromethane	9.43	0.50	µg/L	10	0	94.3	70	130	0			
Bromodichloromethane	10.81	0.50	µg/L	10	0	108	70	130	0			
Bromoform	9.82	0.50	µg/L	10	0	98.2	70	130	0			
2-Butanone	18.66	10	µg/L	20	0	93.3	70	130	0			
n-Butylbenzene	10.6	0.50	µg/L	10	0	106	70	130	0			
sec-Butylbenzene	9.88	0.50	µg/L	10	0	98.8	70	130	0			
tert-Butylbenzene	9.72	0.50	µg/L	10	0	97.2	70	130	0			
Carbon disulfide	7.15	1.0	µg/L	10	0	71.5	70	130	0			
Carbon tetrachloride	11.2	0.50	µg/L	10	0	112	70	130	0			
Chlorobenzene	9.84	0.50	µg/L	10	0	98.4	70	130	0			
Chloroethane	8.31	0.50	µg/L	10	0	83.1	70	130	0			
Chloroform	9.62	0.50	µg/L	10	0	96.2	70	130	0			
Chloromethane	12.38	0.50	µg/L	10	0	124	70	130	0			
2-Chlorotoluene	9.58	0.50	µg/L	10	0	95.8	70	130	0			
4-Chlorotoluene	9.74	0.50	µg/L	10	0	97.4	70	130	0			
Dibromochloromethane	9.71	0.50	µg/L	10	0	97.1	70	130	0			
1,2-Dibromo-3-chloropropane	10.31	2.0	µg/L	10	0	103	70	130	0			
1,2-Dibromoethane	9.93	0.50	µg/L	10	0	99.3	70	130	0			
Dibromomethane	10.38	0.50	µg/L	10	0	104	70	130	0			
1,2-Dichlorobenzene	10.61	0.50	µg/L	10	0	106	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

1,3-Dichlorobenzene	10.19	0.50	µg/L	10	0	102	70	130	0	
1,4-Dichlorobenzene	10.31	0.50	µg/L	10	0	103	70	130	0	
Dichlorodifluoromethane	19.72	0.50	µg/L	10	0	197	70	130	0	S
1,1-Dichloroethane	9.92	0.50	µg/L	10	0	99.2	70	130	0	
1,2-Dichloroethane	11.17	0.50	µg/L	10	0	112	70	130	0	
1,1-Dichloroethene	9.08	0.50	µg/L	10	0	90.8	70	130	0	
cis-1,2-Dichloroethene	8.87	0.50	µg/L	10	0	88.7	70	130	0	
trans-1,2-Dichloroethene	9.18	0.50	µg/L	10	0	91.8	70	130	0	
1,2-Dichloropropane	9.68	0.50	µg/L	10	0	96.8	70	130	0	
1,3-Dichloropropane	9.9	0.50	µg/L	10	0	99	70	130	0	
2,2-Dichloropropane	11.44	0.50	µg/L	10	0	114	70	130	0	
1,1-Dichloropropene	10.28	0.50	µg/L	10	0	103	70	130	0	
cis-1,3-Dichloropropene	10.03	0.50	µg/L	10	0	100	70	130	0	
trans-1,3-Dichloropropene	9.65	0.50	µg/L	10	0	96.5	70	130	0	
Diethyl ether	9.7	2.0	µg/L	10	0	97	70	130	0	
Ethylbenzene	9.98	0.50	µg/L	10	0	99.8	70	130	0	
Hexachlorobutadiene	10.53	0.50	µg/L	10	0	105	70	130	0	
2-Hexanone	18.98	10	µg/L	20	0	94.9	70	130	0	
Isopropylbenzene	9.65	0.50	µg/L	10	0	96.5	70	130	0	
4-Isopropyltoluene	10.2	0.50	µg/L	10	0	102	70	130	0	
Methylene chloride	11.29	0.50	µg/L	10	0	113	70	130	0	
4-Methyl-2-pentanone	16.36	10	µg/L	20	0	81.8	70	130	0	
Methyl tert-butyl ether	9.86	0.50	µg/L	10	0	98.6	70	130	0	
Naphthalene	11.61	1.0	µg/L	10	0	116	70	130	0	
n-Propylbenzene	9.76	0.50	µg/L	10	0	97.6	70	130	0	
Styrene	10.78	0.50	µg/L	10	0	108	70	130	0	
1,1,1,2-Tetrachloroethane	9.8	0.50	µg/L	10	0	98	70	130	0	
1,1,2,2-Tetrachloroethane	9.81	0.50	µg/L	10	0	98.1	70	130	0	
Tetrachloroethene	9.99	0.50	µg/L	10	0	99.9	70	130	0	
Tetrahydrofuran	10.09	5.0	µg/L	10	0	101	70	130	0	
Toluene	10.01	0.50	µg/L	10	0	100	70	130	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

1,2,3-Trichlorobenzene	11.37	0.50	µg/L	10	0	114	70	130	0
1,2,4-Trichlorobenzene	11.49	0.50	µg/L	10	0	115	70	130	0
1,1,1-Trichloroethane	10.82	0.50	µg/L	10	0	108	70	130	0
1,1,2-Trichloroethane	10.08	0.50	µg/L	10	0	101	70	130	0
Trichloroethene	10.21	0.50	µg/L	10	0	102	70	130	0
Trichlorofluoromethane	12.95	0.50	µg/L	10	0	130	70	130	0
1,2,3-Trichloropropane	10.19	0.50	µg/L	10	0	102	70	130	0
1,2,4-Trimethylbenzene	10.04	0.50	µg/L	10	0	100	70	130	0
1,3,5-Trimethylbenzene	9.82	0.50	µg/L	10	0	98.2	70	130	0
Vinyl chloride	10.41	0.50	µg/L	10	0	104	70	130	0
o-Xylene	10.65	0.50	µg/L	10	0	106	70	130	0
m,p-Xylene	19.18	1.0	µg/L	20	0	95.9	70	130	0
Surr: 1,2-Dichloroethane-d4	11.68	0.50	µg/L	10	0	117	78	138	0
Surr: 4-Bromofluorobenzene	11.28	0.50	µg/L	10	0	113	73	119	0
Surr: Dibromofluoromethane	10.6	0.50	µg/L	10	0	106	90	116	0
Surr: Toluene-d8	10.38	0.50	µg/L	10	0	104	86	118	0

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-05/11/17 **Batch ID:** R59550 **Test Code:** E524.2 **Units:** µg/L **Analysis Date:** 5/11/2017 2:04:00 PM **Prep Date:** 5/11/2017
Client ID: **Run ID:** V-3_170511A **SeqNo:** 999306

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	9.65	0.50	µg/L	10	0	96.5	70	130	9.13	5.54	20	
Acetone	21.63	10	µg/L	20	0	108	70	130	17.21	22.8	20	R
Acrylonitrile	9.72	1.0	µg/L	10	0	97.2	70	130	9.17	5.82	20	
Benzene	10.09	0.50	µg/L	10	0	101	70	130	9.97	1.2	20	
Bromobenzene	8.96	0.50	µg/L	10	0	89.6	70	130	9.6	6.9	20	
Bromochloromethane	10.54	0.50	µg/L	10	0	105	70	130	9.43	11.1	20	
Bromodichloromethane	11.15	0.50	µg/L	10	0	112	70	130	10.81	3.1	20	
Bromoform	9.73	0.50	µg/L	10	0	97.3	70	130	9.82	0.921	20	
2-Butanone	19.79	10	µg/L	20	0	99	70	130	18.66	5.88	20	
n-Butylbenzene	11.01	0.50	µg/L	10	0	110	70	130	10.6	3.79	20	
sec-Butylbenzene	9.59	0.50	µg/L	10	0	95.9	70	130	9.88	2.98	20	
tert-Butylbenzene	9.39	0.50	µg/L	10	0	93.9	70	130	9.72	3.45	20	
Carbon disulfide	7.3	1.0	µg/L	10	0	73	70	130	7.15	2.08	20	
Carbon tetrachloride	11.68	0.50	µg/L	10	0	117	70	130	11.2	4.2	20	
Chlorobenzene	10.14	0.50	µg/L	10	0	101	70	130	9.84	3	20	
Chloroethane	9.16	0.50	µg/L	10	0	91.6	70	130	8.31	9.73	20	
Chloroform	10.82	0.50	µg/L	10	0	108	70	130	9.62	11.7	20	
Chloromethane	11.55	0.50	µg/L	10	0	116	70	130	12.38	6.94	20	
2-Chlorotoluene	9.29	0.50	µg/L	10	0	92.9	70	130	9.58	3.07	20	
4-Chlorotoluene	9.4	0.50	µg/L	10	0	94	70	130	9.74	3.55	20	
Dibromochloromethane	10.24	0.50	µg/L	10	0	102	70	130	9.71	5.31	20	
1,2-Dibromo-3-chloropropane	11.29	2.0	µg/L	10	0	113	70	130	10.31	9.07	20	
1,2-Dibromoethane	10.14	0.50	µg/L	10	0	101	70	130	9.93	2.09	20	
Dibromomethane	10.73	0.50	µg/L	10	0	107	70	130	10.38	3.32	20	
1,2-Dichlorobenzene	11.1	0.50	µg/L	10	0	111	70	130	10.61	4.51	20	

Qualifiers:
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

1,3-Dichlorobenzene	9.75	0.50	µg/L	10	0	97.5	70	130	10.19	4.41	20	
1,4-Dichlorobenzene	10.84	0.50	µg/L	10	0	108	70	130	10.31	5.01	20	
Dichlorodifluoromethane	18.96	0.50	µg/L	10	0	190	70	130	19.72	3.93	20	S
1,1-Dichloroethane	10.43	0.50	µg/L	10	0	104	70	130	9.92	5.01	20	
1,2-Dichloroethane	11.43	0.50	µg/L	10	0	114	70	130	11.17	2.3	20	
1,1-Dichloroethene	9.18	0.50	µg/L	10	0	91.8	70	130	9.08	1.1	20	
cis-1,2-Dichloroethene	10.35	0.50	µg/L	10	0	104	70	130	8.87	15.4	20	
trans-1,2-Dichloroethene	9.73	0.50	µg/L	10	0	97.3	70	130	9.18	5.82	20	
1,2-Dichloropropane	9.79	0.50	µg/L	10	0	97.9	70	130	9.68	1.13	20	
1,3-Dichloropropane	10.33	0.50	µg/L	10	0	103	70	130	9.9	4.25	20	
2,2-Dichloropropane	12.49	0.50	µg/L	10	0	125	70	130	11.44	8.78	20	
1,1-Dichloropropene	10.5	0.50	µg/L	10	0	105	70	130	10.28	2.12	20	
cis-1,3-Dichloropropene	10.28	0.50	µg/L	10	0	103	70	130	10.03	2.46	20	
trans-1,3-Dichloropropene	9.84	0.50	µg/L	10	0	98.4	70	130	9.65	1.95	20	
Diethyl ether	10.4	2.0	µg/L	10	0	104	70	130	9.7	6.97	20	
Ethylbenzene	10.08	0.50	µg/L	10	0	101	70	130	9.98	0.997	20	
Hexachlorobutadiene	10.73	0.50	µg/L	10	0	107	70	130	10.53	1.88	20	
2-Hexanone	19.88	10	µg/L	20	0	99.4	70	130	18.98	4.63	20	
Isopropylbenzene	9.21	0.50	µg/L	10	0	92.1	70	130	9.65	4.67	20	
4-Isopropyltoluene	9.95	0.50	µg/L	10	0	99.5	70	130	10.2	2.48	20	
Methylene chloride	12.59	0.50	µg/L	10	0	126	70	130	11.29	10.9	20	
4-Methyl-2-pentanone	17.51	10	µg/L	20	0	87.6	70	130	16.36	6.79	20	
Methyl tert-butyl ether	11	0.50	µg/L	10	0	110	70	130	9.86	10.9	20	
Naphthalene	12.77	1.0	µg/L	10	0	128	70	130	11.61	9.52	20	
n-Propylbenzene	9.21	0.50	µg/L	10	0	92.1	70	130	9.76	5.8	20	
Styrene	10.36	0.50	µg/L	10	0	104	70	130	10.78	3.97	20	
1,1,1,2-Tetrachloroethane	10.09	0.50	µg/L	10	0	101	70	130	9.8	2.92	20	
1,1,2,2-Tetrachloroethane	9.44	0.50	µg/L	10	0	94.4	70	130	9.81	3.84	20	
Tetrachloroethene	10.09	0.50	µg/L	10	0	101	70	130	9.99	0.996	20	
Tetrahydrofuran	9.8	5.0	µg/L	10	0	98	70	130	10.09	2.92	20	
Toluene	10.21	0.50	µg/L	10	0	102	70	130	10.01	1.98	20	

Qualifiers:
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B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *18-May-17*

CLIENT: Mountain View Environmental Services
Work Order: 1705019
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

1,2,3-Trichlorobenzene	11.48	0.50	µg/L	10	0	115	70	130	11.37	0.963	20
1,2,4-Trichlorobenzene	11.84	0.50	µg/L	10	0	118	70	130	11.49	3	20
1,1,1-Trichloroethane	11.12	0.50	µg/L	10	0	111	70	130	10.82	2.73	20
1,1,2-Trichloroethane	10.42	0.50	µg/L	10	0	104	70	130	10.08	3.32	20
Trichloroethene	10.19	0.50	µg/L	10	0	102	70	130	10.21	0.196	20
Trichlorofluoromethane	12.96	0.50	µg/L	10	0	130	70	130	12.95	0.0772	20
1,2,3-Trichloropropane	9.71	0.50	µg/L	10	0	97.1	70	130	10.19	4.82	20
1,2,4-Trimethylbenzene	9.53	0.50	µg/L	10	0	95.3	70	130	10.04	5.21	20
1,3,5-Trimethylbenzene	9.33	0.50	µg/L	10	0	93.3	70	130	9.82	5.12	20
Vinyl chloride	9.11	0.50	µg/L	10	0	91.1	70	130	10.41	13.3	20
o-Xylene	10.08	0.50	µg/L	10	0	101	70	130	10.65	5.5	20
m,p-Xylene	19.66	1.0	µg/L	20	0	98.3	70	130	19.18	2.47	20
Surr: 1,2-Dichloroethane-d4	11.54	0.50	µg/L	10	0	115	78	138	0	0	0
Surr: 4-Bromofluorobenzene	10.11	0.50	µg/L	10	0	101	73	119	0	0	0
Surr: Dibromofluoromethane	11.14	0.50	µg/L	10	0	111	90	116	0	0	0
Surr: Toluene-d8	10.23	0.50	µg/L	10	0	102	86	118	0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corporation

111 Herrick Street, Merrimack, NH 03054
TEL: (603) 424-2022 • FAX: (603) 429-8496
www.amrolabs.com

June 27, 2017

ANALYTICAL TEST RESULTS

John Diego
Mountain View Environmental Services
140 Old Stage Road
P.O. Box 11
Essex Jct, VT 05453
TEL: (802) 288-9600
FAX: (802) 288-9881

Subject: Westford Mkt

Workorder No.: 1706023

Dear John Diego:

AMRO Environmental Laboratories Corp. received 2 samples on 6/13/2017 for the analyses presented in the following report.

AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 21 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart
Vice President

State Certifications: NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001.

Hard copy of the State Certification is available upon request.

AMRO Environmental Laboratories Corp.

Date: *27-Jun-17*

CLIENT: Mountain View Environmental Services
Project: Westford Mkt
Lab Order: 1706023
Date Received: 6/13/2017

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
1706023-01A	C. Swanson	6/12/2017	6:15 PM
1706023-02A	A. Morris	6/12/2017	6:30 PM

AMRO Environmental Laboratories Corp.

27-Jun-17

Lab Order: 1706023
Client: Mountain View Environmental Services
Project: Westford Mkt

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
1706023-01A	C. Swanson	6/12/2017 6:15:00 PM	Aqueous	EPA 524.2 VOA, Drinking Water		6/21/2017	
					6/12/2017	R59693	
1706023-02A	A. Morris	6/12/2017 6:30:00 PM		EPA 524.2 VOA, Drinking Water		6/21/2017	
					6/12/2017	R59693	

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

NO: 66939

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name: WESTFORD MKT	Project State: VT	Project Manager: JOHN DIEGO	Samplers (Signature):	AMRO Project No.: 1706023
P.O.#:	Results Needed by:				
QUOTE #:	Seal Intact? Yes No N/A				

Sample ID.:	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	524.2	Remarks
C. SWANSON	6/12/17 1815	W	2.40		✓	✓	4°C
A. MORRIS	6/12/17 1830	W	2.40		✓	✓	

Page 4 of 21

Preservative: C-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other

Send Results To: MVES
140 OLD STAGE RD
ESSEX JCT VT 05452

PHONE #: 802-288-9600 FAX #:
E-mail: jdiego@mvesvt.com

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must *have a coded AUTHORIZATION NUMBER*
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

MCP Presumptive Certainty Required? YES ☐ NO ☐

MCP Methods Needed: YES ☐ NO ☐

Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐ Other:

Relinquished By:	Date/Time	Received By
	6/13/17 @ 19	
	6/14/17 8:30	

AMRO report package level needed:
EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION: GASOLINE

White: Lab Copy Yellow: Client Copy

SHEET 1 OF 1

AMROCOC2004, Rev.3 08/18/04

Laboratories Corporation

SAMPLE RECEIPT CHECKLIST

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Client: AMES
Project Name: Westford MRT
Ship via: (circle one) Fed Ex., UPS, AMRO Courier,
Hand Del., Other Courier, Other:

AMRO ID: 1706023
Date Rec.: 06/13/17
Date Due: 06/20/17

Items to be Checked Upon Receipt	Yes	No	NA	Comments
1. Army Samples received in individual plastic bags?			✓	
2. Custody Seals present?			✓	
3. Custody Seals Intact?			✓	
4. Air Bill included in folder if received?			✓	
5. Is COC included with samples?	✓			
6. Is COC signed and dated by client?	✓			
7. Laboratory receipt temperature. TEMP = 4°C Samples rec. with ice X ice packs___ neither___				
8. Were samples received the same day they were sampled? Is client temperature = or <6°C ?		✓		
If no obtain authorization from the client for the analyses. **Client authorization from: Date: Obtained by:**	✓			
9. Is the COC filled out correctly and completely?				
10. Does the info on the COC match the samples?	✓			
11. Were samples rec. within holding time?	✓			
12. Were all samples properly labeled?	✓			
13. Were all samples properly preserved?	✓			
14. Were proper sample containers used?	✓			
15. Were all samples received intact? (none broken or leaking)	✓			
16. Were VOA vials rec. with no air bubbles?	✓			
17. Were the sample volumes sufficient for requested analysis?	✓			
18. Were all samples received?	✓			
19. VPH and VOA Soils only:			✓	
Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container)				
Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk, D= DI water				
If M , SB, DI:				
Does preservative cover the soil?				
Does preservation level come close to the fill line on the vial?				
Date/Time DI Preserved vials Frozen on:				
Frozen by Client?				
Were vials provided by AMRO?				
If NO then weights MUST be obtained from client				
Was dry weight aliquot provided?				
If NO then notified client and inform the VOA lab ASAP.				
20. Subcontracted Samples:				
What samples sent:			✓	
Where sent:				
Date:				
Analysis:				
TAT:				
21. Information entered into:				
Internal Tracking Log?	✓			
Dry Weight Log?				
Client Log?			✓	
Composite Log?			✓	
Filtration Log?			✓	

Received By: NS Date: 06/14/17
Labeled By: NS Date: 06/14/17
Logged in By: NS Date: 06/14/17
Checked By: SN Date: 06/16/17

NA= Not Applicable

AMRO Environmental Laboratories Corporation

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Please Circle if:
Sample= Soil
Sample= Waste

AMRO ID: 170693

Sample ID	Analysis	Volume Sample	Preserv. Listed	Initial pH*	Acceptable? Y or N	List Preserv. Added by AMRO	Solution ID # of Preserv.	Volume Preservative Added	Final adjusted pH	Final adjusted pH (after 16 or 24 hours)
01A-02A	524.2	3x40ml	HCl	Analyst						

Sample ID	Analysis	Volume Sample	Preserv. Listed	Initial TRC	Acceptable? Y or N	List Preserv. Added by AMRO	Solution ID # of Preserv.	Volume Preservative Added	Final adjusted TRC	Acceptable? Y or N

**** = if the laboratory preserves the drinking water sample (s) for EPA Method 200 series, sample (s) should be held at least 16 hours prior to analysis or 24 hours for water sample (s).***

pH Checked By: _____ Date: _____ pH adjusted By: _____ Date: _____

pH Checked By: _____ Date: _____ pH adj.(16 or 24hrs)By: _____ Date: _____

GC/MS VOLATILES- 524.2:

1. A Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were performed on 06/21/17 on V-3 (Batch ID: R59693). All %Rs and RPDs were within the laboratory control limits with the following exception(s):

1.1 The %R for 1 analyte out of 68 analytes in the LCS was outside the control limits.
1.2 The %R for 2 analytes out of 68 analytes in the LCSD were outside the control limits.
1.3 The RPD for 3 analytes out of 68 analytes were outside the control limits.

2. The Surrogate, 1,2-Dichloroethane-d4 in sample C. Swanson (1706023-01) recovered above the control limits.

3. The surrogate, Dibromofluoromethane in sample A. Morris (1706023-02) recovered above the control limits.

4. No analytical or quality issues were noted, other than those described above or in the Data Comment page.

DATA COMMENT PAGE

Organic Data Qualifiers

ND	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative
Q	RPD between signal 1 and signal 2 >40%.

Micro Data Qualifiers

TNTC	Too numerous to count

Inorganic Data Qualifiers

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
PS	The analyte was below the Reporting Limit but has significant matrix interference as noted by the poor recovery of the Post Digestion Spike.
#	See Case Narrative
*	MCL Exceeded

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *27-Jun-17*

CLIENT:	Mountain View Environmental Services	**Client Sample ID:**	C. Swanson
Lab Order:	1706023	**Collection Date:**	6/12/2017 6:15:00 PM
Project:	Westford Mkt	**Matrix:**	AQUEOUS
Lab ID:	1706023-01A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 524.2 REV.4.1 VOCS IN DRINKING WATER	**E524.2**					**Analyst: JK**
Bromomethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Acetone	ND	10		µg/L	1	6/21/2017 5:32:00 PM
Acrylonitrile	ND	1.0		µg/L	1	6/21/2017 5:32:00 PM
Benzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Bromobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Bromochloromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Bromoform	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
2-Butanone	ND	10		µg/L	1	6/21/2017 5:32:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Carbon disulfide	ND	1.0		µg/L	1	6/21/2017 5:32:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Chlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Chloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Chloroform	0.70	0.50		µg/L	1	6/21/2017 5:32:00 PM
Chloromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/21/2017 5:32:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Dibromomethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM

AMRO Environmental Laboratories Corp.

Date: *27-Jun-17*

CLIENT: Mountain View Environmental Services
Lab Order: 1706023
Project: Westford Mkt
Lab ID: 1706023-01A

Client Sample ID: C. Swanson
Collection Date: 6/12/2017 6:15:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diethyl ether	ND	2.0		µg/L	1	6/21/2017 5:32:00 PM
Ethylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
2-Hexanone	ND	10		µg/L	1	6/21/2017 5:32:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Methylene chloride	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2017 5:32:00 PM
Methyl tert-butyl ether	2.9	0.50		µg/L	1	6/21/2017 5:32:00 PM
Naphthalene	ND	1.0		µg/L	1	6/21/2017 5:32:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Styrene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Tetrahydrofuran	ND	5.0		µg/L	1	6/21/2017 5:32:00 PM
Toluene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Trichloroethene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
Vinyl chloride	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
o-Xylene	ND	0.50		µg/L	1	6/21/2017 5:32:00 PM
m,p-Xylene	ND	1.0		µg/L	1	6/21/2017 5:32:00 PM
Surr: 1,2-Dichloroethane-d4	140	78-138	S	%REC	1	6/21/2017 5:32:00 PM
Surr: 4-Bromofluorobenzene	104	73-119		%REC	1	6/21/2017 5:32:00 PM
Surr: Dibromofluoromethane	116	90-116		%REC	1	6/21/2017 5:32:00 PM
Surr: Toluene-d8	106	86-118		%REC	1	6/21/2017 5:32:00 PM

AMRO Environmental Laboratories Corp.

Date: *27-Jun-17*

CLIENT:	Mountain View Environmental Services	**Client Sample ID:**	A. Morris
Lab Order:	1706023	**Collection Date:**	6/12/2017 6:30:00 PM
Project:	Westford Mkt	**Matrix:**	AQUEOUS
Lab ID:	1706023-02A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 524.2 REV.4.1 VOCS IN DRINKING WATER	**E524.2**					Analyst: JK
Bromomethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Acetone	ND	10		µg/L	1	6/21/2017 6:10:00 PM
Acrylonitrile	ND	1.0		µg/L	1	6/21/2017 6:10:00 PM
Benzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Bromobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Bromochloromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Bromodichloromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Bromoform	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
2-Butanone	ND	10		µg/L	1	6/21/2017 6:10:00 PM
n-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
sec-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
tert-Butylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Carbon disulfide	ND	1.0		µg/L	1	6/21/2017 6:10:00 PM
Carbon tetrachloride	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Chlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Chloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Chloroform	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Chloromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
2-Chlorotoluene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
4-Chlorotoluene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Dibromochloromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/21/2017 6:10:00 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Dibromomethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2-Dichloroethane	0.93	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
trans-1,3-Dichloropropene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM

AMRO Environmental Laboratories Corp.

Date: *27-Jun-17*

CLIENT:	Mountain View Environmental Services	**Client Sample ID:**	A. Morris
Lab Order:	1706023	**Collection Date:**	6/12/2017 6:30:00 PM
Project:	Westford Mkt	**Matrix:**	AQUEOUS
Lab ID:	1706023-02A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diethyl ether	ND	2.0		µg/L	1	6/21/2017 6:10:00 PM
Ethylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
2-Hexanone	ND	10		µg/L	1	6/21/2017 6:10:00 PM
Isopropylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Methylene chloride	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2017 6:10:00 PM
Methyl tert-butyl ether	14	0.50		µg/L	1	6/21/2017 6:10:00 PM
Naphthalene	ND	1.0		µg/L	1	6/21/2017 6:10:00 PM
n-Propylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Styrene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Tetrahydrofuran	ND	5.0		µg/L	1	6/21/2017 6:10:00 PM
Toluene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Trichloroethene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
Vinyl chloride	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
o-Xylene	ND	0.50		µg/L	1	6/21/2017 6:10:00 PM
m,p-Xylene	ND	1.0		µg/L	1	6/21/2017 6:10:00 PM
Surr: 1,2-Dichloroethane-d4	138	78-138	S	%REC	1	6/21/2017 6:10:00 PM
Surr: 4-Bromofluorobenzene	103	73-119		%REC	1	6/21/2017 6:10:00 PM
Surr: Dibromofluoromethane	118	90-116	S	%REC	1	6/21/2017 6:10:00 PM
Surr: Toluene-d8	107	86-118		%REC	1	6/21/2017 6:10:00 PM

CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Method Blank

Sample ID: mb-06/21/17 **Batch ID:** R59693 **Test Code:** E524.2 **Units:** µg/L **Analysis Date:** 6/21/2017 4:55:00 PM **Prep Date:** 6/21/2017

Client ID: **Run ID:** V-3_170621A **SeqNo:** 1001444

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	ND	0.50	µg/L									
Acetone	ND	10	µg/L									
Acrylonitrile	ND	1.0	µg/L									
Benzene	ND	0.50	µg/L									
Bromobenzene	ND	0.50	µg/L									
Bromochloromethane	ND	0.50	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	0.50	µg/L									
2-Butanone	ND	10	µg/L									
n-Butylbenzene	ND	0.50	µg/L									
sec-Butylbenzene	ND	0.50	µg/L									
tert-Butylbenzene	ND	0.50	µg/L									
Carbon disulfide	ND	1.0	µg/L									
Carbon tetrachloride	ND	0.50	µg/L									
Chlorobenzene	ND	0.50	µg/L									
Chloroethane	ND	0.50	µg/L									
Chloroform	ND	0.50	µg/L									
Chloromethane	ND	0.50	µg/L									
2-Chlorotoluene	ND	0.50	µg/L									
4-Chlorotoluene	ND	0.50	µg/L									
Dibromochloromethane	ND	0.50	µg/L									
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L									
1,2-Dibromoethane	ND	0.50	µg/L									
Dibromomethane	ND	0.50	µg/L									
1,2-Dichlorobenzene	ND	0.50	µg/L									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Method Blank

1,3-Dichlorobenzene	ND	0.50	µg/L
1,4-Dichlorobenzene	ND	0.50	µg/L
Dichlorodifluoromethane	ND	0.50	µg/L
1,1-Dichloroethane	ND	0.50	µg/L
1,2-Dichloroethane	ND	0.50	µg/L
1,1-Dichloroethene	ND	0.50	µg/L
cis-1,2-Dichloroethene	ND	0.50	µg/L
trans-1,2-Dichloroethene	ND	0.50	µg/L
1,2-Dichloropropane	ND	0.50	µg/L
1,3-Dichloropropane	ND	0.50	µg/L
2,2-Dichloropropane	ND	0.50	µg/L
1,1-Dichloropropene	ND	0.50	µg/L
cis-1,3-Dichloropropene	ND	0.50	µg/L
trans-1,3-Dichloropropene	ND	0.50	µg/L
Diethyl ether	ND	2.0	µg/L
Ethylbenzene	ND	0.50	µg/L
Hexachlorobutadiene	ND	0.50	µg/L
2-Hexanone	ND	10	µg/L
Isopropylbenzene	ND	0.50	µg/L
4-Isopropyltoluene	ND	0.50	µg/L
Methylene chloride	ND	0.50	µg/L
4-Methyl-2-pentanone	ND	10	µg/L
Methyl tert-butyl ether	ND	0.50	µg/L
Naphthalene	ND	1.0	µg/L
n-Propylbenzene	ND	0.50	µg/L
Styrene	ND	0.50	µg/L
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L
Tetrachloroethene	ND	0.50	µg/L
Tetrahydrofuran	ND	5.0	µg/L
Toluene	ND	0.50	µg/L

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
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CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Method Blank

1,2,3-Trichlorobenzene	ND	0.50	µg/L						
1,2,4-Trichlorobenzene	ND	0.50	µg/L						
1,1,1-Trichloroethane	ND	0.50	µg/L						
1,1,2-Trichloroethane	ND	0.50	µg/L						
Trichloroethene	ND	0.50	µg/L						
Trichlorofluoromethane	ND	0.50	µg/L						
1,2,3-Trichloropropane	ND	0.50	µg/L						
1,2,4-Trimethylbenzene	ND	0.50	µg/L						
1,3,5-Trimethylbenzene	ND	0.50	µg/L						
Vinyl chloride	ND	0.50	µg/L						
o-Xylene	ND	0.50	µg/L						
m,p-Xylene	ND	1.0	µg/L						
Surr: 1,2-Dichloroethane-d4	13.56	0.50	µg/L	10	0	136	78	138	0
Surr: 4-Bromofluorobenzene	10.23	0.50	µg/L	10	0	102	73	119	0
Surr: Dibromofluoromethane	11.51	0.50	µg/L	10	0	115	90	116	0
Surr: Toluene-d8	10.63	0.50	µg/L	10	0	106	86	118	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID: lcs-06/21/17 Batch ID: R59693 Test Code: E524.2 Units: µg/L Analysis Date: 6/21/2017 1:10:00 PM Prep Date: 6/21/2017
Client ID: Run ID: V-3_170621A SeqNo: 1001442

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	8.34	0.50	µg/L	10	0	83.4	70	130	0			
Acetone	19.35	10	µg/L	20	0	96.8	70	130	0			
Acrylonitrile	10.98	1.0	µg/L	10	0	110	70	130	0			
Benzene	10.45	0.50	µg/L	10	0	104	70	130	0			
Bromobenzene	10.01	0.50	µg/L	10	0	100	70	130	0			
Bromochloromethane	9.71	0.50	µg/L	10	0	97.1	70	130	0			
Bromodichloromethane	12.38	0.50	µg/L	10	0	124	70	130	0			
Bromoform	11.99	0.50	µg/L	10	0	120	70	130	0			
2-Butanone	25.86	10	µg/L	20	0	129	70	130	0			
n-Butylbenzene	10.35	0.50	µg/L	10	0	104	70	130	0			
sec-Butylbenzene	9.17	0.50	µg/L	10	0	91.7	70	130	0			
tert-Butylbenzene	9.37	0.50	µg/L	10	0	93.7	70	130	0			
Carbon disulfide	7.09	1.0	µg/L	10	0	70.9	70	130	0			
Carbon tetrachloride	7.26	0.50	µg/L	10	0	72.6	70	130	0			
Chlorobenzene	10.04	0.50	µg/L	10	0	100	70	130	0			
Chloroethane	11.42	0.50	µg/L	10	0	114	70	130	0			
Chloroform	9.61	0.50	µg/L	10	0	96.1	70	130	0			
Chloromethane	10.69	0.50	µg/L	10	0	107	70	130	0			
2-Chlorotoluene	9.22	0.50	µg/L	10	0	92.2	70	130	0			
4-Chlorotoluene	9.31	0.50	µg/L	10	0	93.1	70	130	0			
Dibromochloromethane	11.4	0.50	µg/L	10	0	114	70	130	0			
1,2-Dibromo-3-chloropropane	12.65	2.0	µg/L	10	0	126	70	130	0			
1,2-Dibromoethane	12.81	0.50	µg/L	10	0	128	70	130	0			
Dibromomethane	12.81	0.50	µg/L	10	0	128	70	130	0			
1,2-Dichlorobenzene	11.18	0.50	µg/L	10	0	112	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur
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CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

1,3-Dichlorobenzene	10.3	0.50	µg/L	10	0	103	70	130	0	
1,4-Dichlorobenzene	10.7	0.50	µg/L	10	0	107	70	130	0	
Dichlorodifluoromethane	19.35	0.50	µg/L	10	0	194	70	130	0	S
1,1-Dichloroethane	10.45	0.50	µg/L	10	0	104	70	130	0	
1,2-Dichloroethane	12.97	0.50	µg/L	10	0	130	70	130	0	
1,1-Dichloroethene	8.44	0.50	µg/L	10	0	84.4	70	130	0	
cis-1,2-Dichloroethene	7.73	0.50	µg/L	10	0	77.3	70	130	0	
trans-1,2-Dichloroethene	9.05	0.50	µg/L	10	0	90.5	70	130	0	
1,2-Dichloropropane	10.76	0.50	µg/L	10	0	108	70	130	0	
1,3-Dichloropropane	11.33	0.50	µg/L	10	0	113	70	130	0	
2,2-Dichloropropane	9.51	0.50	µg/L	10	0	95.1	70	130	0	
1,1-Dichloropropene	10.78	0.50	µg/L	10	0	108	70	130	0	
cis-1,3-Dichloropropene	11.95	0.50	µg/L	10	0	120	70	130	0	
trans-1,3-Dichloropropene	11.94	0.50	µg/L	10	0	119	70	130	0	
Diethyl ether	10.24	2.0	µg/L	10	0	102	70	130	0	
Ethylbenzene	9.88	0.50	µg/L	10	0	98.8	70	130	0	
Hexachlorobutadiene	9.95	0.50	µg/L	10	0	99.5	70	130	0	
2-Hexanone	25.94	10	µg/L	20	0	130	70	130	0	
Isopropylbenzene	9.12	0.50	µg/L	10	0	91.2	70	130	0	
4-Isopropyltoluene	9.89	0.50	µg/L	10	0	98.9	70	130	0	
Methylene chloride	10.61	0.50	µg/L	10	0	106	70	130	0	
4-Methyl-2-pentanone	22.79	10	µg/L	20	0	114	70	130	0	
Methyl tert-butyl ether	11.14	0.50	µg/L	10	0	111	70	130	0	
Naphthalene	12.83	1.0	µg/L	10	0	128	70	130	0	
n-Propylbenzene	9.05	0.50	µg/L	10	0	90.5	70	130	0	
Styrene	10.8	0.50	µg/L	10	0	108	70	130	0	
1,1,1,2-Tetrachloroethane	10.5	0.50	µg/L	10	0	105	70	130	0	
1,1,2,2-Tetrachloroethane	11.11	0.50	µg/L	10	0	111	70	130	0	
Tetrachloroethene	10.47	0.50	µg/L	10	0	105	70	130	0	
Tetrahydrofuran	12.88	5.0	µg/L	10	0	129	70	130	0	
Toluene	10.97	0.50	µg/L	10	0	110	70	130	0	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; NA - Not applicable where J values or ND results occur; RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike

1,2,3-Trichlorobenzene	12.26	0.50	µg/L	10	0	123	70	130	0
1,2,4-Trichlorobenzene	12.17	0.50	µg/L	10	0	122	70	130	0
1,1,1-Trichloroethane	7.24	0.50	µg/L	10	0	72.4	70	130	0
1,1,2-Trichloroethane	12.38	0.50	µg/L	10	0	124	70	130	0
Trichloroethene	10.98	0.50	µg/L	10	0	110	70	130	0
Trichlorofluoromethane	12.82	0.50	µg/L	10	0	128	70	130	0
1,2,3-Trichloropropane	11.8	0.50	µg/L	10	0	118	70	130	0
1,2,4-Trimethylbenzene	9.57	0.50	µg/L	10	0	95.7	70	130	0
1,3,5-Trimethylbenzene	9.3	0.50	µg/L	10	0	93	70	130	0
Vinyl chloride	9.78	0.50	µg/L	10	0	97.8	70	130	0
o-Xylene	10.56	0.50	µg/L	10	0	106	70	130	0
m,p-Xylene	19.29	1.0	µg/L	20	0	96.5	70	130	0
Surr: 1,2-Dichloroethane-d4	12.32	0.50	µg/L	10	0	123	78	138	0
Surr: 4-Bromofluorobenzene	11.23	0.50	µg/L	10	0	112	73	119	0
Surr: Dibromofluoromethane	10.8	0.50	µg/L	10	0	108	90	116	0
Surr: Toluene-d8	10.57	0.50	µg/L	10	0	106	86	118	0

Qualifiers: ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
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CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: lcsd-06/21/17 Batch ID: R59693 Test Code: E524.2 Units: µg/L Analysis Date: 6/21/2017 1:46:00 PM Prep Date: 6/21/2017
Client ID: Run ID: V-3_170621A SeqNo: 1001443

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Bromomethane	8.3	0.50	µg/L	10	0	83	70	130	8.34	0.481	20	
Acetone	19.73	10	µg/L	20	0	98.6	70	130	19.35	1.94	20	
Acrylonitrile	9.8	1.0	µg/L	10	0	98	70	130	10.98	11.4	20	
Benzene	10.04	0.50	µg/L	10	0	100	70	130	10.45	4	20	
Bromobenzene	9.35	0.50	µg/L	10	0	93.5	70	130	10.01	6.82	20	
Bromochloromethane	10.16	0.50	µg/L	10	0	102	70	130	9.71	4.53	20	
Bromodichloromethane	12.38	0.50	µg/L	10	0	124	70	130	12.38	0	20	
Bromoform	12.11	0.50	µg/L	10	0	121	70	130	11.99	0.996	20	
2-Butanone	25.13	10	µg/L	20	0	126	70	130	25.86	2.86	20	
n-Butylbenzene	8.99	0.50	µg/L	10	0	89.9	70	130	10.35	14.1	20	
sec-Butylbenzene	8.56	0.50	µg/L	10	0	85.6	70	130	9.17	6.88	20	
tert-Butylbenzene	8.68	0.50	µg/L	10	0	86.8	70	130	9.37	7.65	20	
Carbon disulfide	6.08	1.0	µg/L	10	0	60.8	70	130	7.09	15.3	20	S
Carbon tetrachloride	9.1	0.50	µg/L	10	0	91	70	130	7.26	22.5	20	R
Chlorobenzene	9.65	0.50	µg/L	10	0	96.5	70	130	10.04	3.96	20	
Chloroethane	11.78	0.50	µg/L	10	0	118	70	130	11.42	3.1	20	
Chloroform	10	0.50	µg/L	10	0	100	70	130	9.61	3.98	20	
Chloromethane	11.84	0.50	µg/L	10	0	118	70	130	10.69	10.2	20	
2-Chlorotoluene	8.64	0.50	µg/L	10	0	86.4	70	130	9.22	6.49	20	
4-Chlorotoluene	8.66	0.50	µg/L	10	0	86.6	70	130	9.31	7.23	20	
Dibromochloromethane	11.26	0.50	µg/L	10	0	113	70	130	11.4	1.24	20	
1,2-Dibromo-3-chloropropane	13.73	2.0	µg/L	10	0	137	70	130	12.65	8.19	20	S
1,2-Dibromoethane	12.8	0.50	µg/L	10	0	128	70	130	12.81	0.0781	20	
Dibromomethane	12.83	0.50	µg/L	10	0	128	70	130	12.81	0.156	20	
1,2-Dichlorobenzene	10.74	0.50	µg/L	10	0	107	70	130	11.18	4.01	20	

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R - RPD outside accepted recovery limits
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CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

1,3-Dichlorobenzene	9.67	0.50	µg/L	10	0	96.7	70	130	10.3	6.31	20	
1,4-Dichlorobenzene	10.23	0.50	µg/L	10	0	102	70	130	10.7	4.49	20	
Dichlorodifluoromethane	12.09	0.50	µg/L	10	0	121	70	130	19.35	46.2	20	R
1,1-Dichloroethane	7.33	0.50	µg/L	10	0	73.3	70	130	10.45	35.1	20	R
1,2-Dichloroethane	12.5	0.50	µg/L	10	0	125	70	130	12.97	3.69	20	
1,1-Dichloroethene	8.22	0.50	µg/L	10	0	82.2	70	130	8.44	2.64	20	
cis-1,2-Dichloroethene	8.17	0.50	µg/L	10	0	81.7	70	130	7.73	5.53	20	
trans-1,2-Dichloroethene	8.27	0.50	µg/L	10	0	82.7	70	130	9.05	9.01	20	
1,2-Dichloropropane	10.88	0.50	µg/L	10	0	109	70	130	10.76	1.11	20	
1,3-Dichloropropane	11.11	0.50	µg/L	10	0	111	70	130	11.33	1.96	20	
2,2-Dichloropropane	9.58	0.50	µg/L	10	0	95.8	70	130	9.51	0.733	20	
1,1-Dichloropropene	10.11	0.50	µg/L	10	0	101	70	130	10.78	6.41	20	
cis-1,3-Dichloropropene	11.92	0.50	µg/L	10	0	119	70	130	11.95	0.251	20	
trans-1,3-Dichloropropene	12.12	0.50	µg/L	10	0	121	70	130	11.94	1.5	20	
Diethyl ether	9.64	2.0	µg/L	10	0	96.4	70	130	10.24	6.04	20	
Ethylbenzene	9.18	0.50	µg/L	10	0	91.8	70	130	9.88	7.35	20	
Hexachlorobutadiene	8.23	0.50	µg/L	10	0	82.3	70	130	9.95	18.9	20	
2-Hexanone	24.9	10	µg/L	20	0	125	70	130	25.94	4.09	20	
Isopropylbenzene	8.39	0.50	µg/L	10	0	83.9	70	130	9.12	8.34	20	
4-Isopropyltoluene	8.9	0.50	µg/L	10	0	89	70	130	9.89	10.5	20	
Methylene chloride	10.19	0.50	µg/L	10	0	102	70	130	10.61	4.04	20	
4-Methyl-2-pentanone	19.75	10	µg/L	20	0	98.8	70	130	22.79	14.3	20	
Methyl tert-butyl ether	12.74	0.50	µg/L	10	0	127	70	130	11.14	13.4	20	
Naphthalene	12.46	1.0	µg/L	10	0	125	70	130	12.83	2.93	20	
n-Propylbenzene	8	0.50	µg/L	10	0	80	70	130	9.05	12.3	20	
Styrene	10.06	0.50	µg/L	10	0	101	70	130	10.8	7.09	20	
1,1,1,2-Tetrachloroethane	10.15	0.50	µg/L	10	0	102	70	130	10.5	3.39	20	
1,1,2,2-Tetrachloroethane	10.68	0.50	µg/L	10	0	107	70	130	11.11	3.95	20	
Tetrachloroethene	9.77	0.50	µg/L	10	0	97.7	70	130	10.47	6.92	20	
Tetrahydrofuran	12.71	5.0	µg/L	10	0	127	70	130	12.88	1.33	20	
Toluene	10.88	0.50	µg/L	10	0	109	70	130	10.97	0.824	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

CLIENT: Mountain View Environmental Services
Work Order: 1706023
Project: Westford Mkt

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

1,2,3-Trichlorobenzene	11.4	0.50	µg/L	10	0	114	70	130	12.26	7.27	20
1,2,4-Trichlorobenzene	11.1	0.50	µg/L	10	0	111	70	130	12.17	9.2	20
1,1,1-Trichloroethane	8.37	0.50	µg/L	10	0	83.7	70	130	7.24	14.5	20
1,1,2-Trichloroethane	12.74	0.50	µg/L	10	0	127	70	130	12.38	2.87	20
Trichloroethene	10.72	0.50	µg/L	10	0	107	70	130	10.98	2.4	20
Trichlorofluoromethane	12.88	0.50	µg/L	10	0	129	70	130	12.82	0.467	20
1,2,3-Trichloropropane	11.25	0.50	µg/L	10	0	112	70	130	11.8	4.77	20
1,2,4-Trimethylbenzene	9.06	0.50	µg/L	10	0	90.6	70	130	9.57	5.48	20
1,3,5-Trimethylbenzene	8.63	0.50	µg/L	10	0	86.3	70	130	9.3	7.47	20
Vinyl chloride	10.65	0.50	µg/L	10	0	106	70	130	9.78	8.52	20
o-Xylene	9.64	0.50	µg/L	10	0	96.4	70	130	10.56	9.11	20
m,p-Xylene	18.2	1.0	µg/L	20	0	91	70	130	19.29	5.81	20
Surr: 1,2-Dichloroethane-d4	12.59	0.50	µg/L	10	0	126	78	138	0	0	0
Surr: 4-Bromofluorobenzene	11.31	0.50	µg/L	10	0	113	73	119	0	0	0
Surr: Dibromofluoromethane	10.6	0.50	µg/L	10	0	106	90	116	0	0	0
Surr: Toluene-d8	11.11	0.50	µg/L	10	0	111	86	118	0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
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